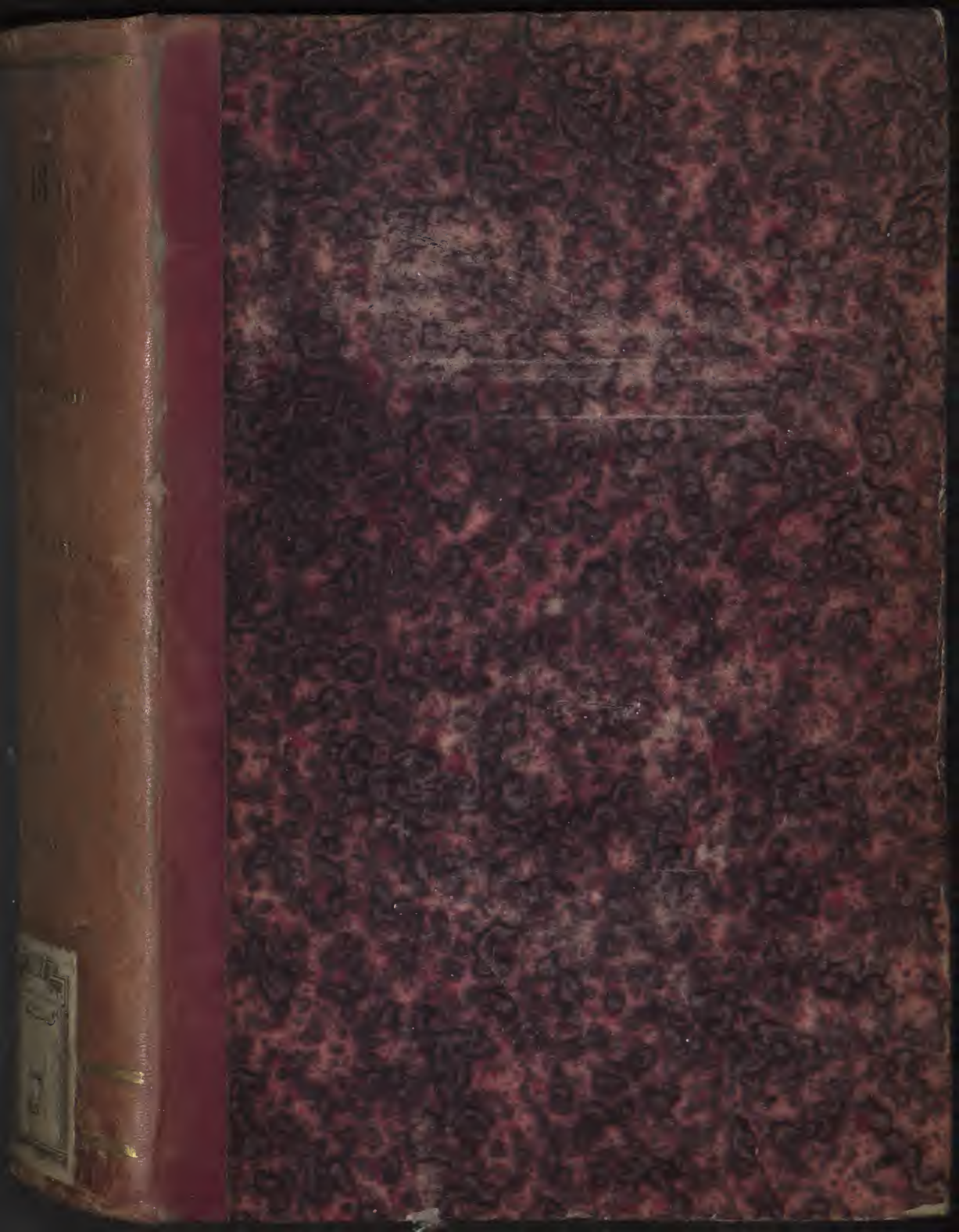

REALE ACCADEMIA DELLE SCIENZE DI TORINO
014. 613

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OVVERO

DIZIONARIO GENERALE

DI SCIENZE, LETTERE, ARTI, STORIA, GEOGRAFIA, ECC. ECC.

OPERA

COMPILATA SULLE MIGLIORI IN TAL GENERE, INGLESI, TEDESCHE E FRANCESI
COLL'ASSISTENZA E COL CONSIGLIO DI SCIENZIATI E LETTERATI ITALIANI

corredata

DI MOLTE INCISIONI IN LEGNO INSERITE NEL TESTO
E DI TAVOLE IN RAME

« Indocti discant, ament meminisse periti. »

TAVOLE

ACCADEMIA delle SCIENZE - Torino

TORINO
GIUSEPPE POMBA E COMP. EDITORI
1849

Torino—STAMPERIA SOCIALE DEGLI ARTISTI TIPOGRAFI.

GLI EDITORI

Nel nostro programma in data del 1° novembre 1841 noi avevamo promesso (§. v) che le tavole incise in rame che l'associato doveva pagare a parte oltre il testo, non avrebbero oltrepassato il numero delle dispense. Noi ci siamo serbati fedeli a quella promessa; le dispense sono 566 e le tavole non sono che 564.

Noi in quel programma (§. v) ci eravamo serbata la facoltà di dare, allo stesso prezzo, tavole incise in rame alternate anche con altre litografate, e noi, tranne la XLII (M) che è in legno e che non poteva essere altrimenti perchè rappresentante il fac-simile di un'antica incisione in legno, noi, badando nullamente al maggior nostro dispendio, ma solo al maggior lustro dell'opera, abbiamo date le tavole tutte incise in rame.

Noi ci eravamo obbligati (§. III) di far ascendere a circa 1500 le figure incise in legno e che gratuitamente doveano essere inserite nel testo, e queste, senza che l'associato abbia minimamente aumentata la spesa, ammontarono a ben 2249, fra le quali vi hanno ben 407 ritratti, che formano senza dubbio la più ricca galleria di ritratti che abbiano finora date le più copiose biografie apparse in Italia.

Tutto questo noi abbiamo creduto non un diritto, ma un dovere di esporre onde dimostrare che se grande fu la cortesia del Publico nel favorire questa nostra impresa, del che è un solenne attestato la terza edizione a cui dovemmo metter mano mentre non era l'opera ancor giunta al mezzo del suo cammino, non piccioli furono gli sforzi nostri per mostrarci non ingrati a tanta cortesia, per renderci non immeritevoli di un tanto favore.

Delle tavole offriamo due indici; l'uno in ordine sistematico di materie, l'altro in ordine numerico. Col primo abbiamo cercato di prospettare al lettore il complesso delle dottrine illustrate con figure, ed un mezzo di rintracciare quel qualunque oggetto che per avventura gli occorresse di conoscere e ne ignorasse l'articolo che ad esso avrebbe potuto indirizzarlo; coll'altro abbiamo voluto offrire al legatore la norma dietro cui debbono essere le tavole coordinate, perchè più facile riesca al lettore il rintracciarle, ogni qualvolta il testo rimandi a qualcheduna di esse. — E qui ne giova rendere ragione di quelle poche lacune che si riscontrano qua e colà nella progressiva loro numerizzazione.

Diremo dunque che siffatte lacune dovevano essere e furono rese inevitabili dal modo con cui fummo costretti publicare le tavole stesse. Ci spieghiamo. Le tavole dovevano essere tutte distribuite e coordinate sotto tante rubriche speciali, quante erano le speciali dottrine di cui trattava la Enciclopedia, siccome per esempio *Agricoltura*, *Astronomia*, *Botanica*, *Mecanica*, *Tecnologia* ecc.; e le tavole di ciascuna di queste stesse rubriche doveano poi essere pure fra loro collegate in un altro ordine progressivo ed in quel numero a cui la materia le avrebbe po-

tuto estendere. Ma, siccome ognun vede, non ci era assolutamente possibile il determinare fin dal principio della stampa, il numero preciso delle rubriche speciali, e molto meno delle tavole che ciascuna rubrica avrebbe potuto abbracciare. Ciò ne condusse a dover prestabilire in via approssimativa ed *a priori* un dato numero di rubriche, ed un dato numero di tavole per ciascuna rubrica: l'esito non ha sempre esattamente corrisposto ai nostri calcoli preventivi, e, per essere mancata la materia, alcuni numeri prestabiliti per alcune rubriche rimasero in bianco, e molte tavole non raggiunsero il numero per ogni rubrica prestabilito. Di qui le lacune che si riscontrano nella distribuzione numerica tanto delle rubriche, quanto delle tavole, come può scorgersi, per esempio, al numero v che salta all'VIII perchè la rubrica *Agricoltura* a cui erano state prefisse anche le tavole VI e VII si esaurì colla tavola V; e come può anche vedersi alla tavola XXV (E) ove si salta alla tavola XXV (M) perchè la rubrica *Architettura civile* non prestò materia per le tavole XXV (F) e XXV (G) ad essa preventivamente assegnate.

Ma mentre alcuni numeri prestabiliti per le rubriche e per le tavole da esse comprese rimasero in bianco per mancata materia, avvenne poi anche che alcuni altri di questi numeri furono alla materia insufficienti; e di qui il bisogno di suddividere uno stesso numero coi segni delle lettere alfabetiche, le quali, per l'esuberanza delle materie, vennero pur esse stesse talvolta suddivise con duplicazione di lettere e con asterischi. Siccome può vedersi, per esempio, alle tavole XXV, che dovette suddividersi in tante lettere alfabetiche, come le XXV (A) XXV (B) ecc., le quali dovettero poi venir esse stesse duplicate, come si vede alle tavole XXV (AA) XXV (BB) ecc.; come pure alla tavola XXV (V), la quale dovette essere suddivisa in un'altra tavola XXV (V').

È però a dirsi che da siffatte lacune niun disordine reale ne proviene all'opera giacchè l'ordine principale e vero in tal coordinazione non consiste altrimenti che nella esatta corrispondenza tra i numeri delle tavole e le relative citazioni che sono nel testo dell'opera; corrispondenza che venne strettamente conservata, tranne qualche lieve eccezione, a cui si è proveduto con le piccole note che si leggono a' piedi dello stesso indice numerico.

Come già accennammo, le tavole ascendono al numero di 364; nè certamente potrà sembrare ad alcun associato troppo gravosa la spesa che costarono quando voglia considerare che esse servono di illustrazione ad un'Enciclopedia la quale contiene ben 28,755 articoli, due quinti dei quali sono tutti di scienze positive le di cui descrizioni e dimostrazioni si fanno al tutto incomprensibili senza averne sott'occhio disegnato il relativo oggetto; che anzi il bisogno delle dottrine avrebbe portate queste tavole ad un numero ben assai maggiore, se, per menomare le spese ai nostri associati, e nel tempo stesso non nuocere ai bisogni della scienza ed alla perspicuità del testo, non avessimo ricorso all'espediente di far sì che un gran numero di quelle figure, specialmente di matematica, di tecnologia e di meccanica, che avrebbero potuto essere date nelle tavole da pagarsi a parte, venissero intercalate nel testo; e questa fu una delle ragioni per cui le figure incise in legno date gratuitamente oltrepassarono di ben 700 il numero a cui ci eravamo obbligati.

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61	» » (A)	122	» » (B)	183	» » (K)	244	» » (E)

Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole
245	Tav. LV	275	Tav. LXXII (A)	305	Tav. CIX	335	Tav. CXVI (A)
246	» LVI	276	» LXXIII	306	» CX	336	» CXVII
247	» LVII	277	» » (A)	307	» » (D)	337	» CXVIII
248	» LVIII	278	» LXXXII	308	» » (E)	338	» CXIX
249	» LIX	279	» » (A)	309	» » (F)	339	» CXX (9)
250	» LX	280	» LXXXIII	310	» » (G)	340	» » (A) (10)
251	» LXI	281	» LXXXIV	311	» » (H)	341	» » (B)
252	» LXII	282	» LXXXV	312	» » (I)	342	» » (C)
253	» LXIII	283	» LXXXVI	313	» » (J)	343	» » (D)
254	» LXIV (4)	284	» LXXXVII	314	» » (K)	344	» » (E)
255	» » (A)	285	» LXXXVIII	315	» » (L)	345	» » (F)
256	» » (B)	286	» LXXXIX	316	» » (M)	346	» » (G)
257	» » (C)	287	» XC	317	» » (N)	347	» » (H)
258	» » (D)	288	» XCI	318	» » (O)	348	» » (I)
259	» » (E)	289	» XCII	319	» » (P)	349	» » (J)
260	» LXV	290	» XCIII	320	» » (Q)	350	» » (K)
261	» LXVI	291	» XCIV	321	» » (R)	351	» » (L)
262	» LXVIII	292	» XCVI (A)	322	» » (S)	352	» » (M)
263	» » (A)	293	» » (B)	323	» » (T)	353	» » (N)
264	» » (B)	294	» » (C)	324	» » (T') (5)	354	» » (O)
265	» » (C)	295	» XCVII	325	» CXI (6)	355	» CXXI
266	» » (D)	296	» XCVIII	326	» » (A)	356	» » (A)
267	» » (E)	297	» XCIX	327	» » (B)	357	» » (B)
268	» » (F)	298	» CI	328	» » (C)	358	» CXXII
269	» » (G)	299	» CII	329	» CXII (7)	359	» » (A)
270	» » (H)	300	» CIII	330	» » (A) (8)	360	» » (B)
271	» » (I)	301	» CV	331	» CXIII	361	» » (C)
272	» » (K)	302	» CVI	332	» CXIV	362	» » (D)
273	» LXIX	303	» CVII	333	» CXV	363	» CXXIII
274	» LXXII	304	» CVIII	334	» CXVI	364	» CXXIV

(1) In alcuni esemplari questa tavola porta il (D) senza l'asterisco, e compare quindi la sua segnatura doppia colla precedente rappresentante S. Pietro in Roma.

(2) In questa tavola manca al (V) l'asterisco; per non confonderla colla precedente, si avverte che rappresenta due fontane di Roma.

(3) In questa tavola per errore manca l'asterisco al (C), per non confonderla colla precedente si noti che quella ha 4 figure, questa 9.

(4) Vi sono due tavole che portano il numero di LXIV, ma quella dei Pirometri è la LXVI.

(5) Questa tavola non porta per errore dell'incisore l'asterisco al (T): per distinguerla dalla precedente si avverte che questa non ha che 4 figure.

(6) Questa tavola che porta figure di oriuoli non va confusa con un'altra che per errore porta lo stesso numero, e rappresenta machine a vapore.

(7) Questa tavola che rappresenta machine a vapore, porta per errore il n°. CXI. (Vedi la nota precedente).

(8) Questa tavola va distinta da un'altra che porta per errore lo stesso numero e che rappresenta figure mineralogiche.

(9) Questa tavola mineralogica porta, per errore, il numero CXII.

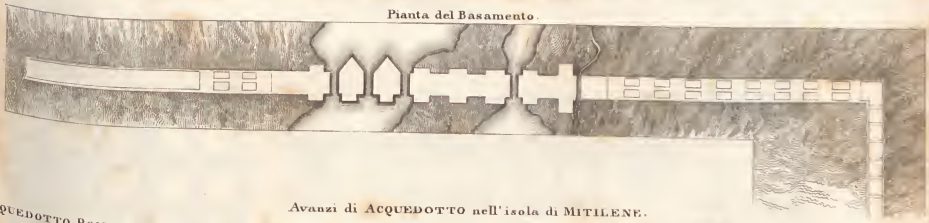
(10) Anche questa tavola mineralogica porta per errore il numero di CXII (A).

ACQUEDOTTI.

Avanzi di ACQUEDOTTO presso ANTIOCHIA.

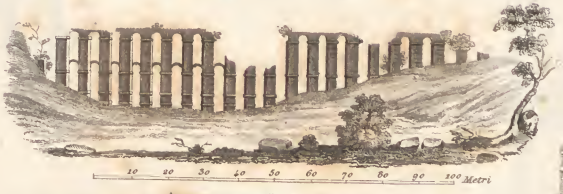
ACQUEDOTTO di PYRGOS presso COSTANTINOPOLI.

Pianta del Basamento.



ACQUEDOTTO ROMANO.

Avanzi di ACQUEDOTTO nell'isola di MITILENE.



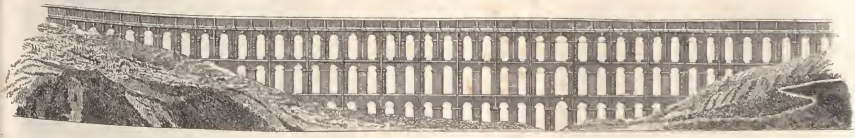
ACQUEDOTTO ROMANO.

ACQUEDOTTI ROMANI.

ACQUEDOTTI

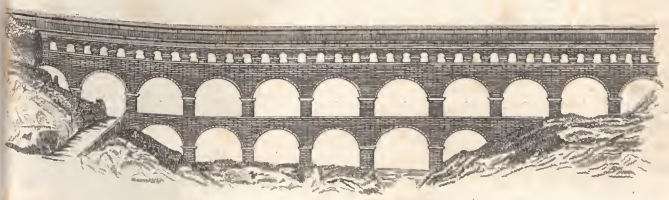
TAV. II.

ACQUEDOTTO di CASERTA nella valle di MADDALONI



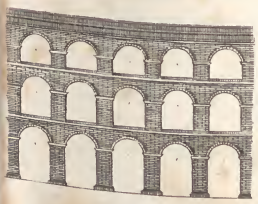
10 20 30 40 50 60 70 80 90 100 200 300 400 Metri

ACQUEDOTTO del ponte del GARD presso NISMES



10 20 30 40 50 100 Metri

ACQUEDOTTO di MAINTENON



ACQUEDOTTO di SLATEFORD presso Edimburgo

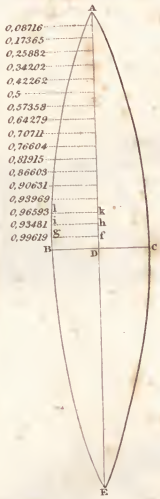
ACQUEDOTTO di PONT-CYSYLTE

Spaccato traversale

dell'Acquedotto di Caserta

5 10 15 20 Metri

AEROSTATO DI MONTGOLFIER.



AEROSTATO DI BLANCHARD.

PARACADUTA DI GARNERIN
nell'ascendere.

AEROSTATO DI LUNARDI.

AEROSTATO DI CHARLES E ROBERT

PARACADUTA DI GARNERIN
nel discendere.

METODO DI GONFIARE UN AEROSTATO.

AGRICOLTURA

ARATRI

Fig. 1.

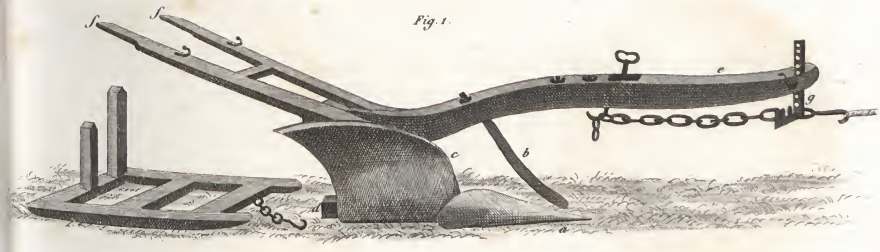


Fig. 2.

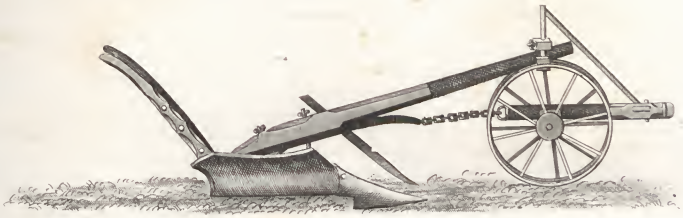


Fig. 3.

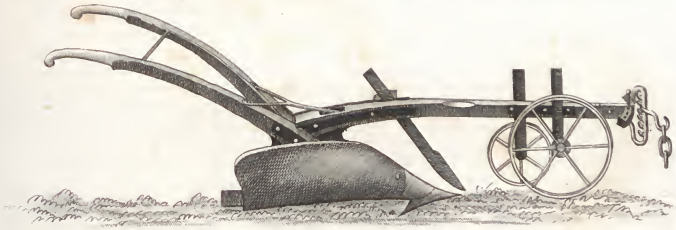
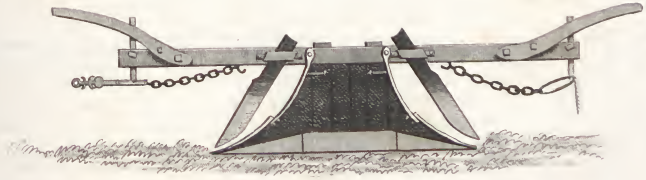


Fig. 4.



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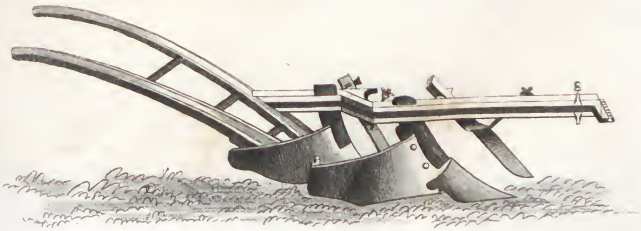


ERPICE

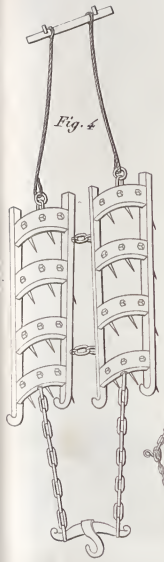
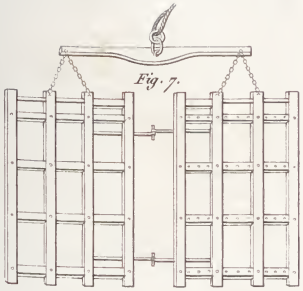


Fig. 4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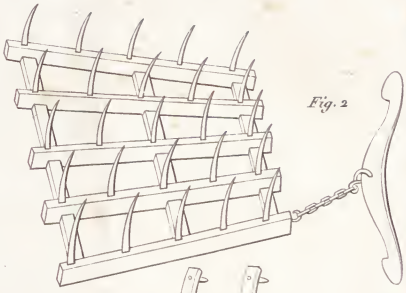
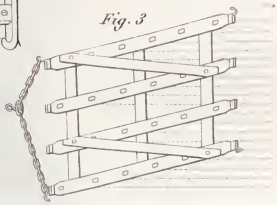


Fig. 2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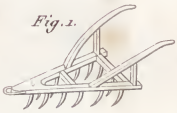
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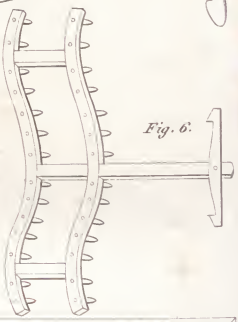
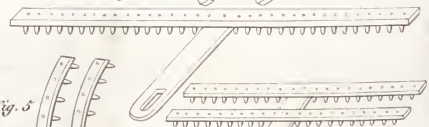


Fig. 6.

Fig. 8.



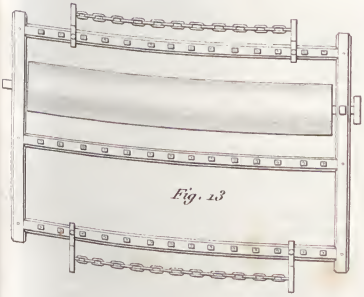


Fig. 13

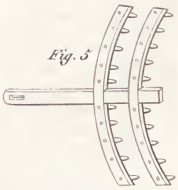


Fig. 5

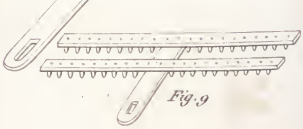
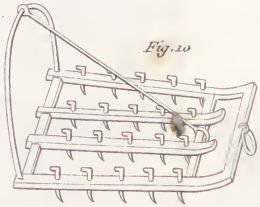


Fig. 9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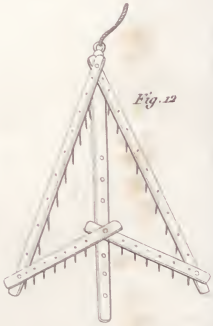
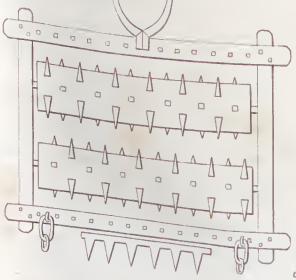


Fig. 12

Fig. 15



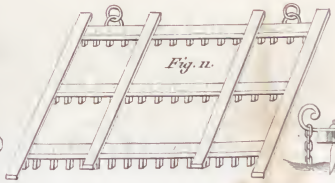


Fig. 11.

Fig. 14

EXCIDIOR PAC

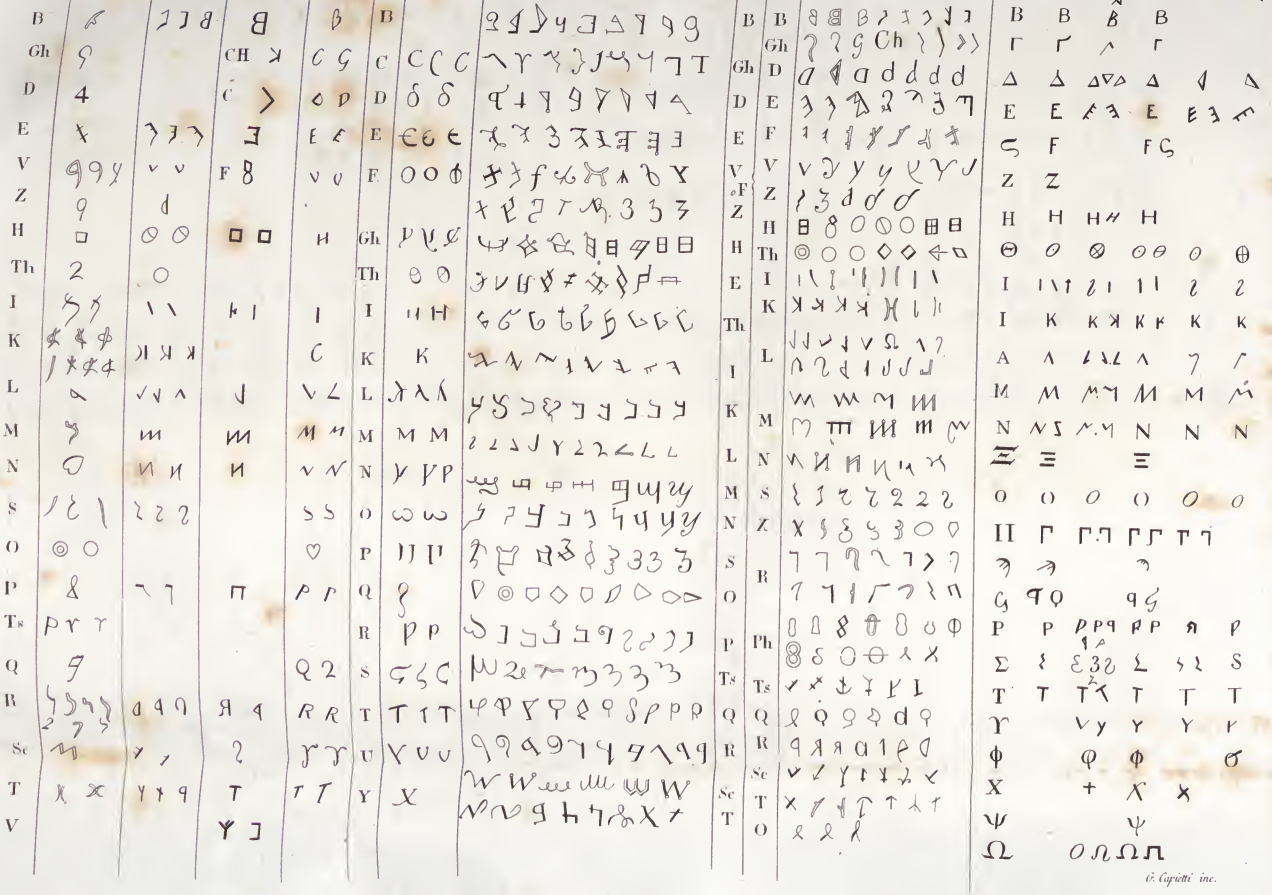
ALFABETI ANTICHI

Tavola comparativa dei Caratteri Geroglifici ed Alfabetici

C. Capietti inc.

ALFABETI ANTICHI

ALFABETI ANTICHI



G. Capitti inc.

ENT

Olap
Beth
Gon
Dol
He
Wa
Zau
Che
Teb
Jua
Cop
Lon
Mu
Nu
Sen
Ae
Pe
Ta
Ko
Ri
Sc
Ta

ALFABETI NOTEVOLI

SIRIACO

Olaph	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ	ܐ
Beth	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ	ܒ
Gomal	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ	ܓ
Dolath	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ	ܕ
He	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ	ܗ
Wau	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ	ܘ
Zain	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ	ܙ
Cheth	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ	ܚ
Teth	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ	ܛ
Jud	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ	ܝ
Coph	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ	ܟ
Lomad	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ	ܠ
Mim	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ	ܡ
Nun	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ	ܢ
Semeath	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ	ܣ
Ae	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ	ܥ
Pe	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ	ܦ
Tsode	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ	ܨ
Koph	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ	ܩ
Rish	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ	ܪ
Sain	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ	ܫ
Tau	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ	ܬ

ETIOPICO

	ha	hu	hi	ha	he	he	ho	
Hoi	ሀ	ሁ	ሂ	ሃ	ሄ	ሀ	ሆ	
	la	lu	li	la	le	le	lo	
Lau	ለ	ሉ	ሊ	ላ	ሌ	ል	ሎ	
	ha	hu	hi	ha	he	he	ho	
Haut	ሐ	ሑ	ሒ	ሓ	ሔ	ሕ	ሖ	
	ma	mu	mi	ma	me	me	mo	
Mai	መ	ሙ	ሚ	ማ	ሜ	ም	ሞ	
	sa	su	si	sa	se	se	so	
Saut	ሠ	ሡ	ሢ	ሣ	ሤ	ሥ	ሦ	
	ra	ru	ri	ra	re	re	ro	
Res	ረ	ሩ	ሪ	ራ	ሬ	ር	ሮ	
	sa	su	si	sa	se	se	so	
Saut	ሰ	ሱ	ሲ	ሳ	ሴ	ስ	ሶ	
	ka	ku	ki	ka	ke	ke	ko	
Kaf	ቀ	ቁ	ቂ	ቃ	ቄ	ቅ	ቆ	
	ba	bu	bi	ba	be	be	bo	
Bet	በ	ቡ	ቢ	ባ	ቤ	ብ	ቦ	
	ta	tu	ti	ta	te	te	to	
Tau	ተ	ቱ	ቲ	ታ	ቴ	ት	ቶ	
	ha	hu	hi	ha	he	he	ho	
Hharn	ኀ	ኁ	ኂ	ኃ	ኄ	ኅ	ኆ	
	na	nu	ni	na	ne	ne	no	
Naas	ነ	ኑ	ኒ	ና	ኔ	ን	ኖ	
	a	u	i	a	e	e	o	
Alph	አ	ኡ	ኢ	ኣ	ኤ	እ	ኦ	
	cha	chu	chi	cha	che	che	cho	
Cef	ኸ	ኹ	ኺ	ኻ	ኼ	ኽ	ኾ	
	va	vu	vi	va	ve	ve	vo	
Vaw	ወ	ዉ	ዊ	ዋ	ዌ	ው	ዎ	
	a	u	i	a	e	e	o	
Ain	ዐ	ዑ	ዒ	ዓ	ዔ	ዕ	ዖ	
	za	zu	zi	za	ze	ze	zo	
Zai	ዘ	ዙ	ዚ	ዛ	ዜ	ዝ	ዞ	
	ja	ju	ji	ja	je	je	jo	
Yaman	የ	ዩ	ዪ	ያ	ዬ	ይ	ዮ	
	da	du	di	da	de	de	do	
Dent	ደ	ዱ	ዲ	ዳ	ዴ	ድ	ዶ	
	ga	gu	gi	ga	ge	ge	go	
Geml	ገ	ጉ	ጊ	ጋ	ጌ	ግ	ጎ	
	ta	tu	ti	ta	te	te	to	
Tait	ጠ	ጡ	ጢ	ጣ	ጤ	ጥ	ጦ	
	pa	pu	pi	pa	pe	pe	po	
Pait	ጰ	ጱ	ጲ	ጳ	ጴ	ጵ	ጶ	
	za	zu	zi	za	ze	ze	zo	
Zadai	ጸ	ጹ	ጺ	ጻ	ጼ	ጽ	ጾ	
	zza	zzu	zzi	zza	zze	zze	zzo	
Zzop	ፀ	ፁ	ፂ	ፃ	ፄ	ፅ	ፆ	
	fa	fu	fi	fa	fe	fe	fo	
Af	ፈ	ፉ	ፊ	ፋ	ፌ	ፍ	ፎ	
	pa	pu	pi	pa	pe	pe	po	
Pra	ፐ	ፑ	ፒ	ፓ	ፔ	ፕ	ፖ	

ARMENO

Aïp	ա	Mien	մ
Pien	բ	I	ի
Ghien	գ	Nu	ն
Ta	դ	Scia	շ
Jeg	ե	Vua	ո
Sea	զ	Ceia	չ
E	է	Be	պ
Jet	ը	Gge	ջ
Tho	թ	Rra	ռ
Sgie	ժ	Se	ս
Ini	ի	Vieu	վ
Liun	լ	Diun	տ
Hhe	խ	Ere	ր
Za	ծ	Zzo	ց
Ghien	կ	Hiun	ւ
Ho	հ	Ppiur	փ
Zza	ձ	Che	ք
Kat	ղ	Ieu	և
Ge	ճ	Fe	ֆ

COPTO O EGIZIO

Alpha	Ⲁ ⲁ	A
Vida	Ⲃ ⲃ	V
Gamma	Ⲅ ⲅ	G
Dalda	Ⲇ ⲇ	D
Ei	Ⲉ ⲉ	E
So	Ⲍ ⲍ	S
Zida	Ⲏ ⲏ	Z
Hida	Ⲑ ⲑ	I
Thita	Ⲓ ⲓ	Th
Jauda	Ⲕ ⲕ	I
Kabba	Ⲗ ⲗ	K
Landa	Ⲙ ⲙ	L
Mi	Ⲛ ⲛ	M
Ni	Ⲝ ⲝ	N
Exi	Ⲟ ⲟ	X
O	Ⲡ ⲡ	O
Bi	Ⲣ ⲣ	P
Ro	Ⲥ ⲥ	R
Sima	Ⲧ ⲧ	S
Dau	Ⲩ ⲩ	T
He	Ⲫ ⲫ	E
Phi	Ⲭ ⲭ	P
Chi	Ⲱ ⲱ	Ch
Au	Ϣ ϣ	O
Schei	Ϥ ϥ	Sc
Phei	Ϧ ϧ	F
Chei	Ϩ ϩ	Ch
Hori	Ϫ ϫ	H
Giangia	Ϭ ϭ	Gi
Shima	Ϯ ϯ	Sc
Dei	Κ ϰ	Di
Ebsi	Ρ ϱ	Ps

ILLIRICO O SERVIANO

Ѧ ѧ	A a	Ꙗ ꙗ	
Ꙋ ꙋ	B b	Ꙗ ꙗ	R r
Ꙋ ꙋ	V v	Ꙗ ꙗ	S sz
Ꙋ ꙋ	G gh	Ꙗ ꙗ	T t
Ꙋ ꙋ	D d	Ꙗ ꙗ	Y y
Ꙋ ꙋ	E e	Ꙗ ꙗ	V u
Ꙋ ꙋ	X sh	Ꙗ ꙗ	F f
Ꙋ ꙋ	Z z	Ꙗ ꙗ	H h
Ꙋ ꙋ	I i	Ꙗ ꙗ	Ps
Ꙋ ꙋ	Th	Ꙗ ꙗ	O
Ꙋ ꙋ	Y j	Ꙗ ꙗ	Sch
Ꙋ ꙋ	K k	Ꙗ ꙗ	C zç
Ꙋ ꙋ	L l	Ꙗ ꙗ	C
Ꙋ ꙋ	M m	Ꙗ ꙗ	S c
Ꙋ ꙋ	N n	Ꙗ ꙗ	Ie ja
Ꙋ ꙋ	X x	Ꙗ ꙗ	Y a
Ꙋ ꙋ	O o	Ꙗ ꙗ	Y e
Ꙋ ꙋ	P p	Ꙗ ꙗ	Y o
			Y u

IBERO O GEORGIANO

An	a	San	s
Ban	b	Tar	t
Chan	gh	Un	u
Don	d	Far	f, ph
En	e	Cha	ch
Fin	u	Gan	ç
Zen	z	Car	c
Hai	h	Scin	sci
Than	th	Ciien	ci
In	i	Zan	zç
Kan	k	Zil	z
Las	l	Zil	z
Man	m	Chahar	ch
Nar	n	Chan	ch
On	o	Char	ch
Par	p	Gian	ç
Jan	j	Hhai	hh
Rai	r	Hhoi	hh

GOTICO

A	L	X
B	M	Y
C	N	Z
D	O	Ç
E	P	Au
F	Q	Eu
G	R	Ei
H	S	Oi
I	T	Œ
K	V	Æ

Rasandi inc.

TAVOLA
DI ALFABETI ORIENTALI

PERSIANO

Potenza numerica	Suono	Forma: finale connessa	finale sconnessa	media connessa	iniziale sconnessa	Nome
1	a	ا	ا	ا	ا	Alif
2	b	ب	ب	ب	ب	Be
	p	پ	پ	پ	پ	Pe
400	t	ت	ت	ت	ت	Te
500	s	ث	ث	ث	ث	Se
3	g. Dolce	ج	ج	جـ	جـ	Gim
	ch	چ	چ	چـ	چـ	Ce o Cim
8	h	ح	ح	حـ	حـ	he
600	kh	خ	خ	خـ	خـ	Khe
4	d	د	د	د	د	Dal
700	z	ذ	ذ	ذ	ذ	Zal
200	r	ر	ر	ر	ر	Re
7	z	ز	ز	ز	ز	Ze
	j. Fran:	ژ	ژ	ژ	ژ	je. Fr:
60	s	س	س	سـ	سـ	Sin
300	sc	ش	ش	شـ	شـ	Scin
90	s	ص	ص	صـ	صـ	Swad
800	z	ض	ض	ضـ	ضـ	Zwad
9	t	ط	ط	ط	ط	To
900	z	ظ	ظ	ظ	ظ	Zo
70	a. Gut.	ع	ع	ع	ع	Aain
1000	gh	غ	غ	غ	غ	Ghain
80	f	ف	ف	فـ	فـ	Fe
100	k. Aspra	ق	ق	قـ	قـ	Kaf
20	k	ك	ك	كـ	كـ	Caf
	g	گ	گ	گـ	گـ	Gaf
30	l	ل	ل	لـ	لـ	Lam
40	m	م	م	مـ	مـ	Mim
50	n	ن	ن	نـ	نـ	Nun
6	n. v. m	و	و	و	و	Waw
5	h	ه	ه	هـ	هـ	He
10	y i	ي	ي	يـ	يـ	Ya

ARABO

Potenza numerica	Suono	Forma: finale connessa	finale sconnessa	media connessa	iniziale sconnessa	Nome
1	a	ا	ا	ا	ا	Alif
2	b	ب	ب	بـ	بـ	Ba
400	t	ت	ت	تـ	تـ	Ta
500	th	ث	ث	ثـ	ثـ	Tha
3	g Dolce	ج	ج	جـ	جـ	Gim
8	h	ح	ح	حـ	حـ	Hha
600	kh	خ	خ	خـ	خـ	Kha
4	d	د	د	د	د	Dal
700	ds	ذ	ذ	ذ	ذ	Dhsal
200	r	ر	ر	ر	ر	Ra
7	z	ز	ز	ز	ز	Za
60	s	س	س	سـ	سـ	Sin
300	sc	ش	ش	شـ	شـ	Scin
90	s	ص	ص	صـ	صـ	Sad
800	d	ض	ض	ضـ	ضـ	Dad
9	t	ط	ط	ط	ط	Ta
900	d	ظ	ظ	ظ	ظ	Da
70	a	ع	ع	عـ	عـ	Ain
1000	g	غ	غ	غـ	غـ	Ghain
80	f	ف	ف	فـ	فـ	Fa
100	k	ق	ق	قـ	قـ	Kaf
20	k	ك	ك	كـ	كـ	Kef
30	l	ل	ل	لـ	لـ	Lam
40	m	م	م	مـ	مـ	Mim
50	n	ن	ن	نـ	نـ	Nun
6	m	و	و	و	و	Waw
5	h	ه	ه	هـ	هـ	He
10	y	ي	ي	يـ	يـ	Ya

SAMARITANO

Forma 1ª	Forma 2ª
N	ℵ
9	9
1	ϒ
⅄	ϙ
ⅎ	ⅎ
Y	Y
Z	Z
H	H
⊗	⊗
⊖	⊖
⊓	⊓
4	4
2	2
⅄	⅄
⅄	⅄
O	O
2	2
⅄	⅄
⅄	⅄
Y	P
9	9
W	ш
N	⅄

CALDAICO ED EBRAICO

Potenza numerica	Forma	Nome	
1	א	Aleph	1
2	ב	Beth	2
3	ג	Ghimel	3
4	ד	Daleth	4
5	ה	He	5
6	ו	Wau	6
7	ז	Zain	7
8	ח	Heth	8
9	ט	Teth	9
10	י	Jod	10
20	כ	Caph	11
30	ל	Lamed	12
40	מ	Mem	13
50	נ	Nun	14
60	ס	Samech	15
70	ע	Ain	16
80	פ	Phe	17
90	צ	Tsade	18
100	ק	Koph	19
200	ר	Resh	20
300	ש	Scin	21
400	ת	Tau	22
	FINALI		
500	ך	Caph	
600	ם	Mem	
700	ן	Nun	
800	ף	Phe	
900	ץ	Tsade	

Vignotti inc.

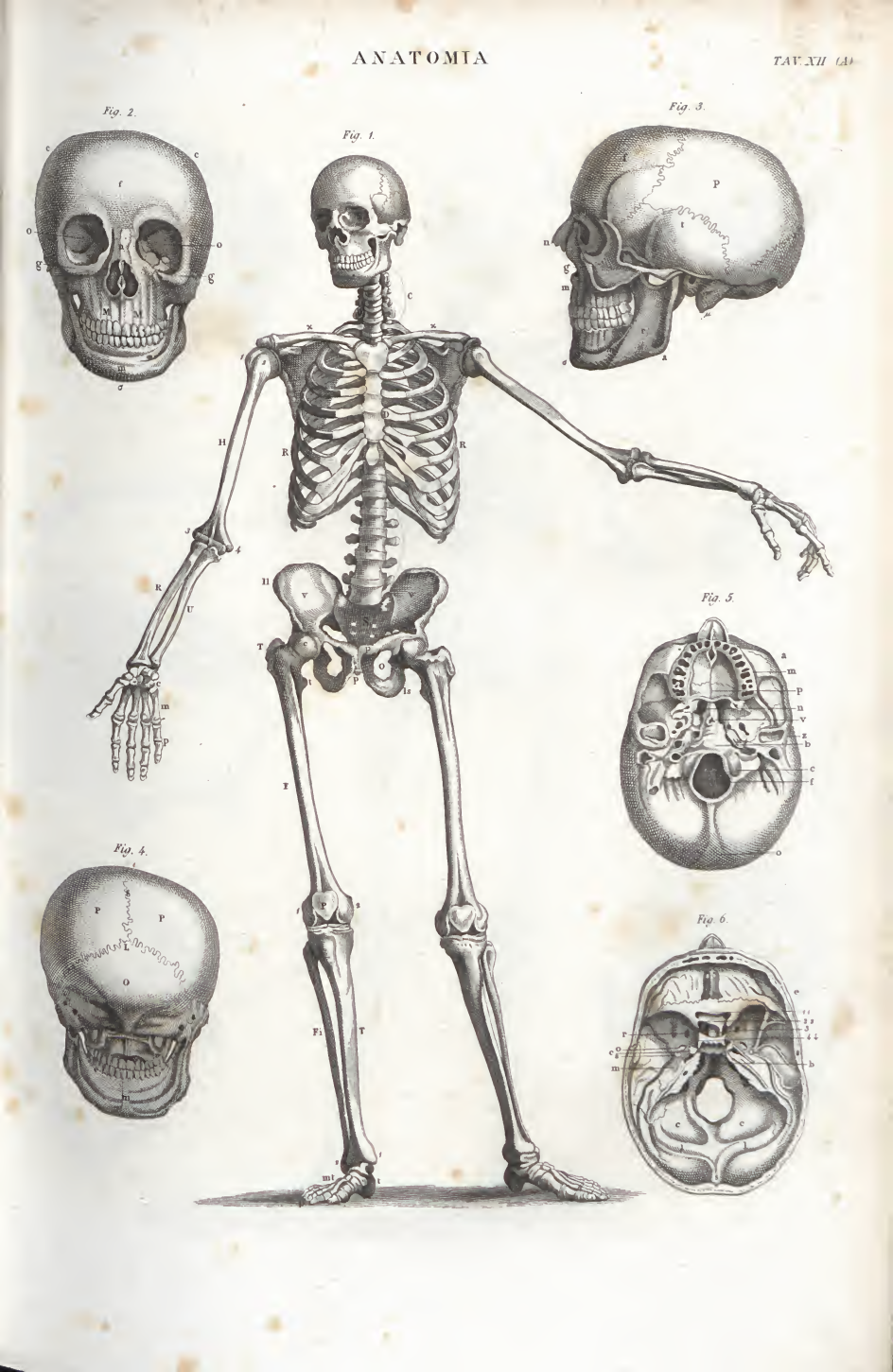


Fig. 2.
Fig. 1.
Fig. 3.
Fig. 5.
Fig. 4.
Fig. 6.

Fig. 2.
Fig. 1.
Fig 4
Fig. 5.
Fig. 3.
Fig. 6.
Fig. 7.

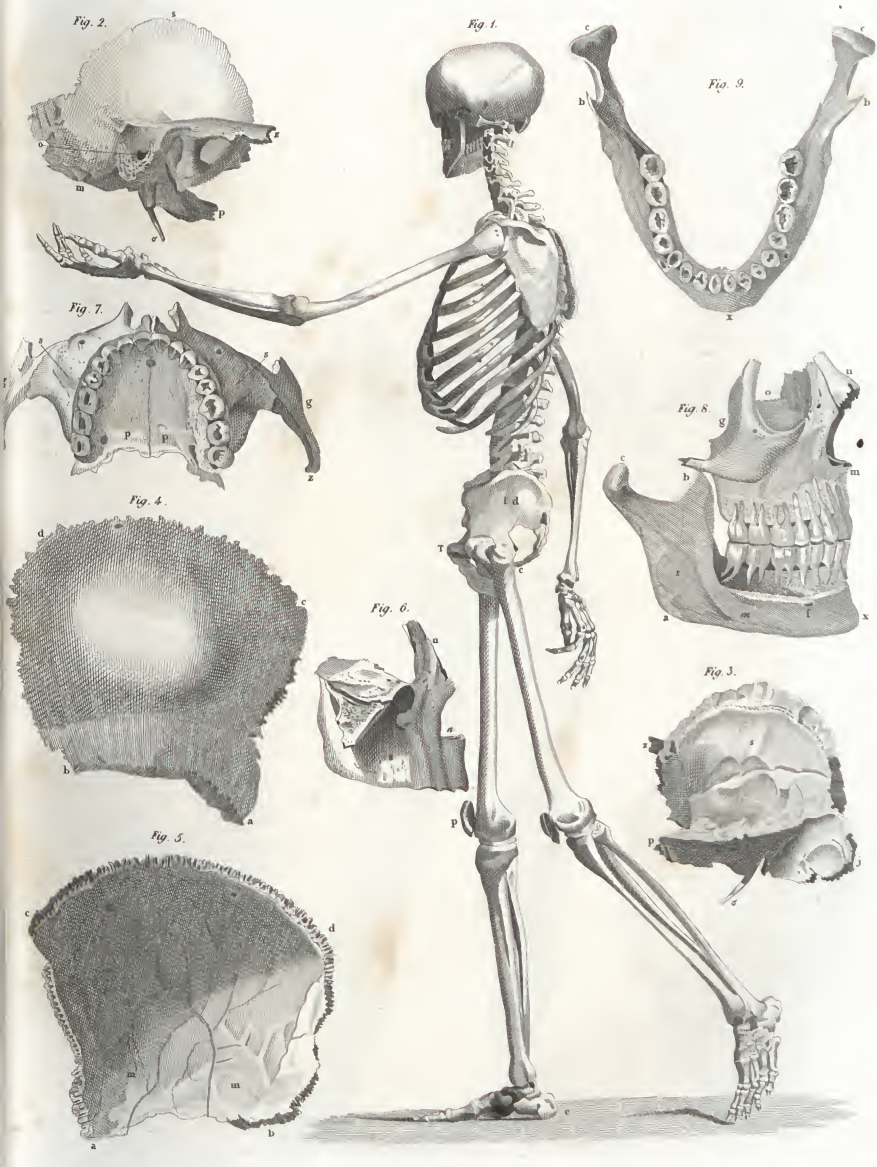


Fig. 2.
Fig. 1.
Fig. 9.
Fig. 7.
Fig. 8.
Fig. 4.
Fig. 6.
Fig. 3.
Fig. 5.

Fig. 2.

Fig. 1.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 2.

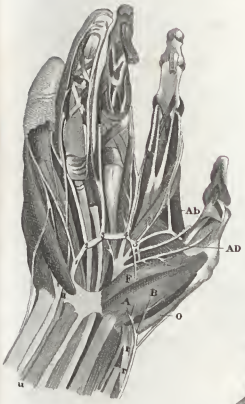


Fig. 1.

Fig. 3.

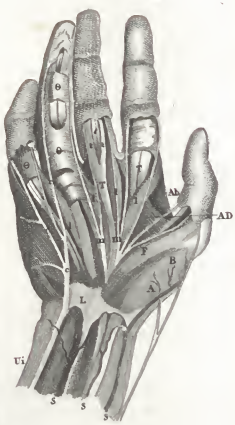
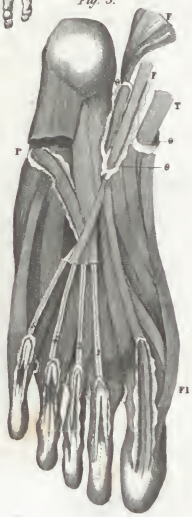
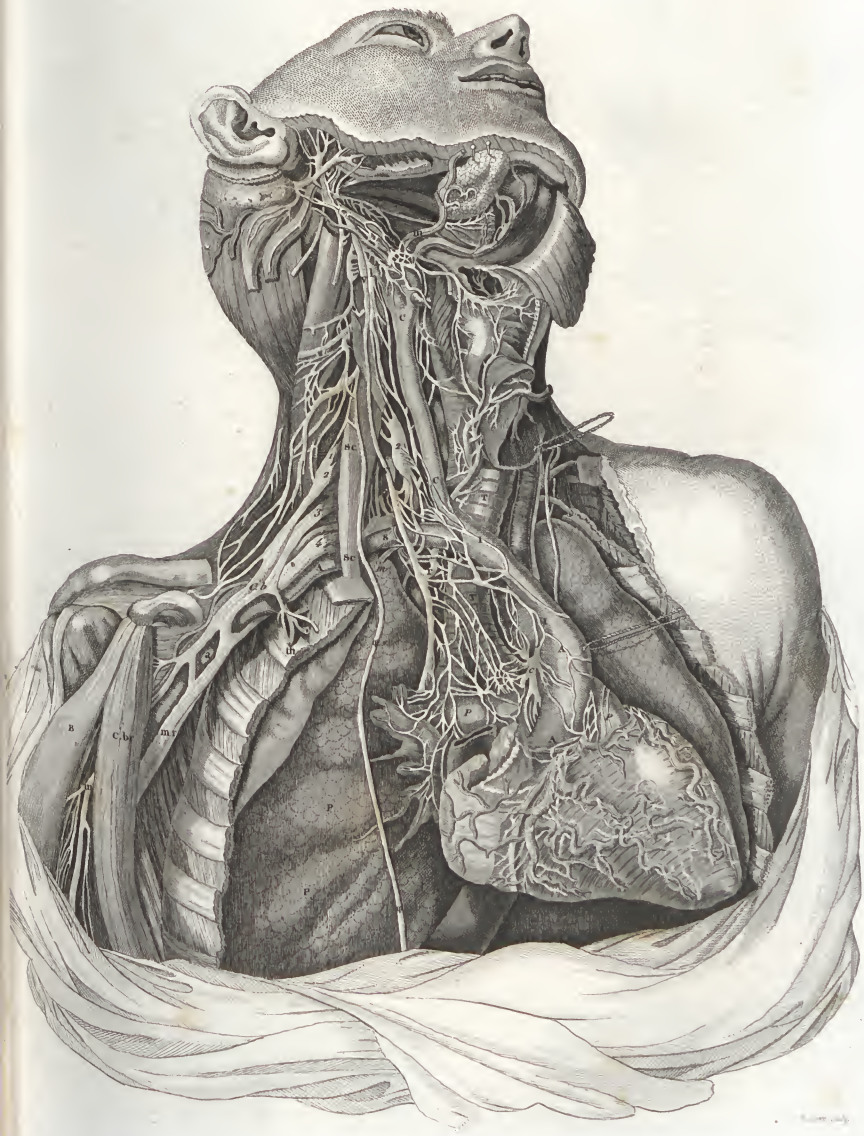


Fig. 4.

Fig. 5.





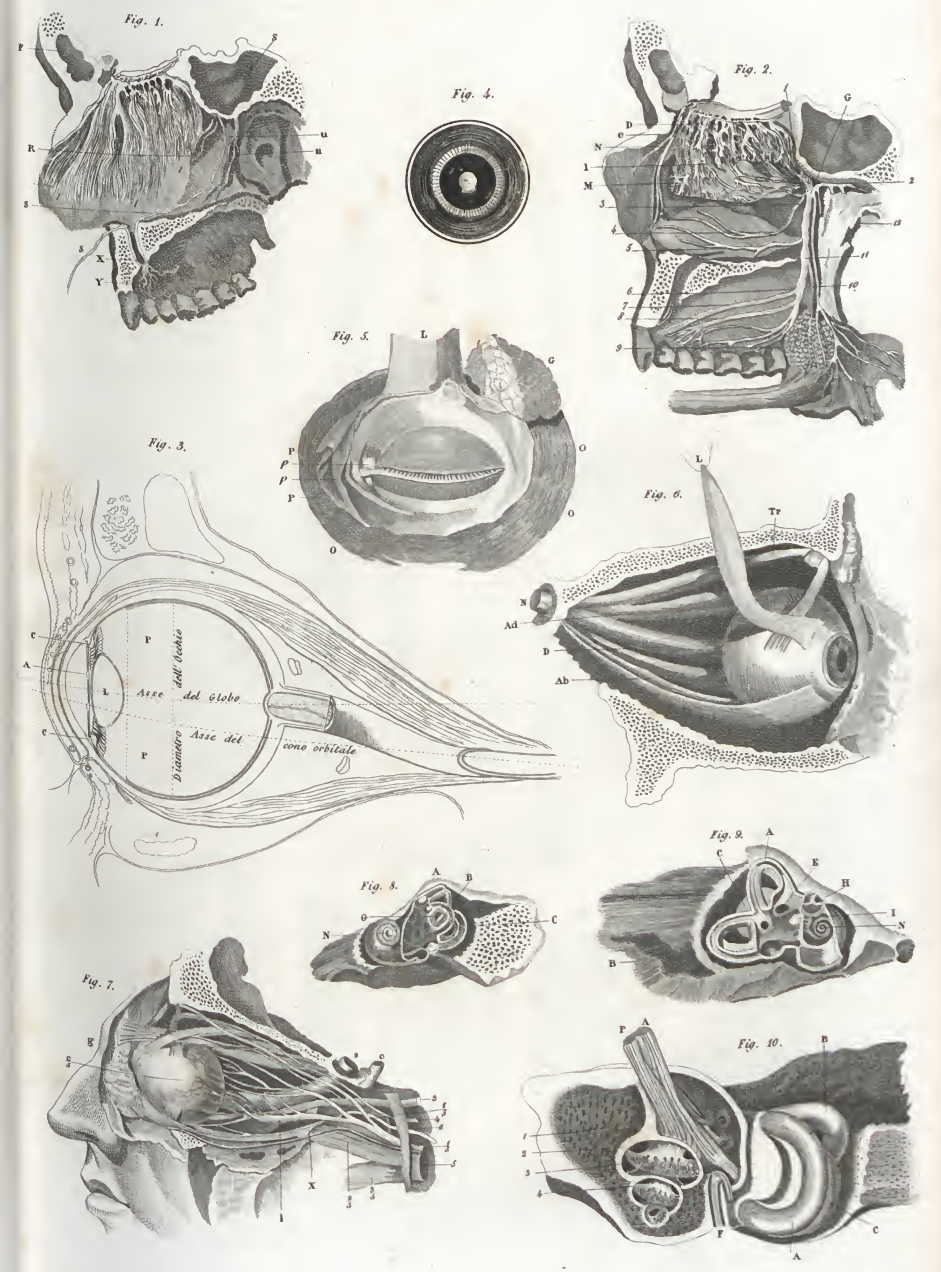


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Asse del Globo
Asse del cono orbitale
Diametro dell'Occhio

ANATOMIA
VEGETALE

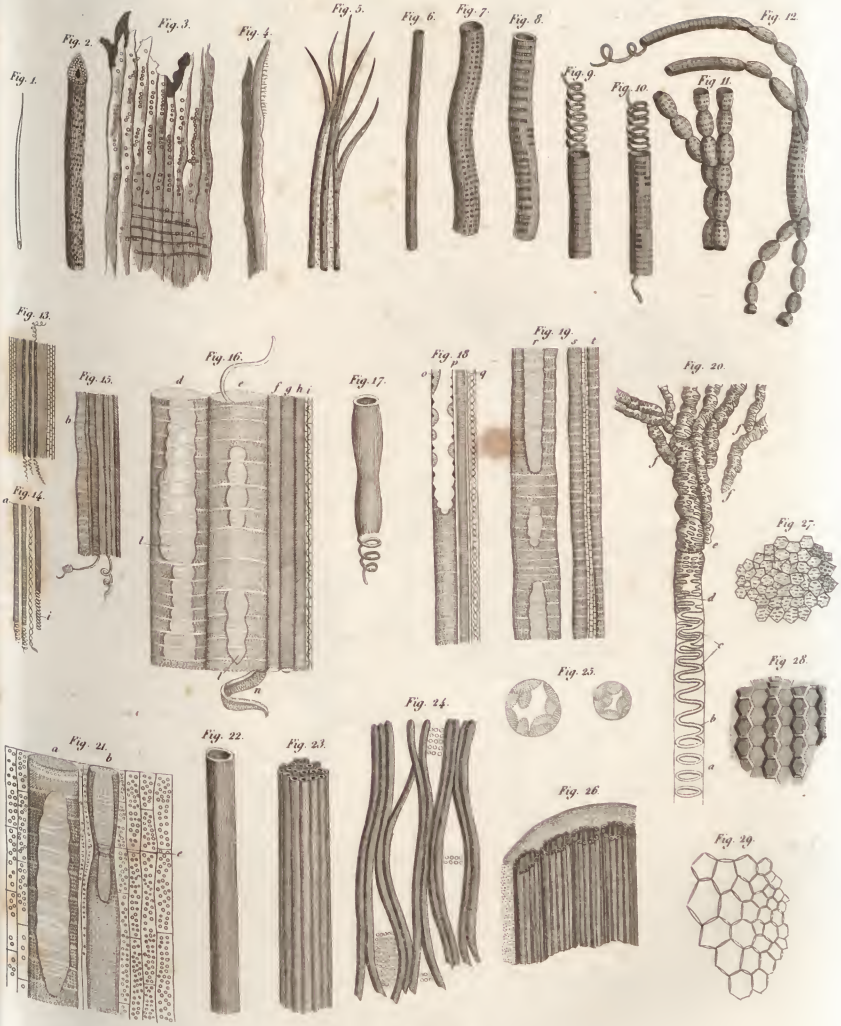
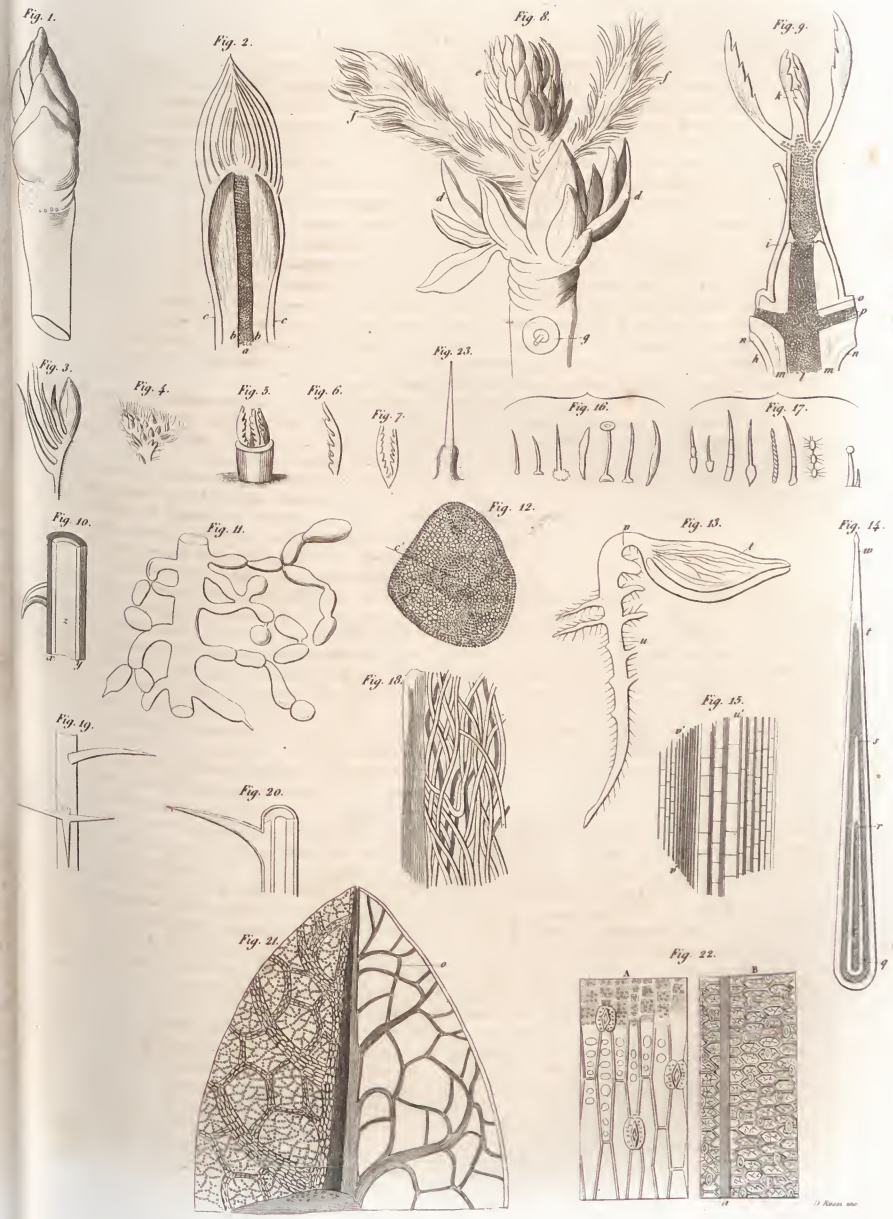


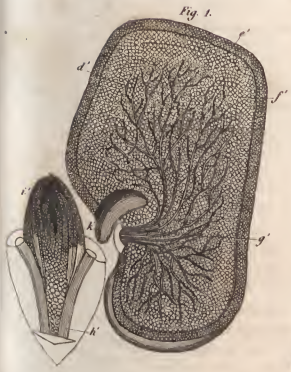
Fig. 1
Fig. 27.
Fig. 33.

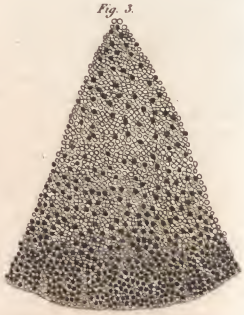
ANATOMIA
VEGETALE

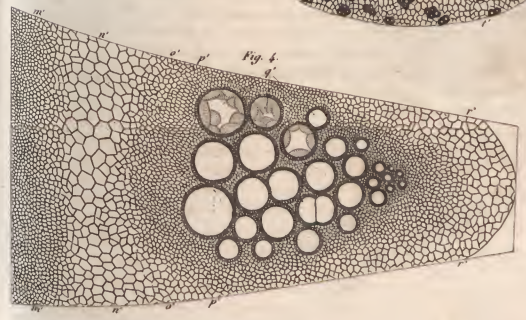
ANATOMIA
VEGETALE



ANATOMIA
VEGETALE







ANATOMIA
VEGETALE

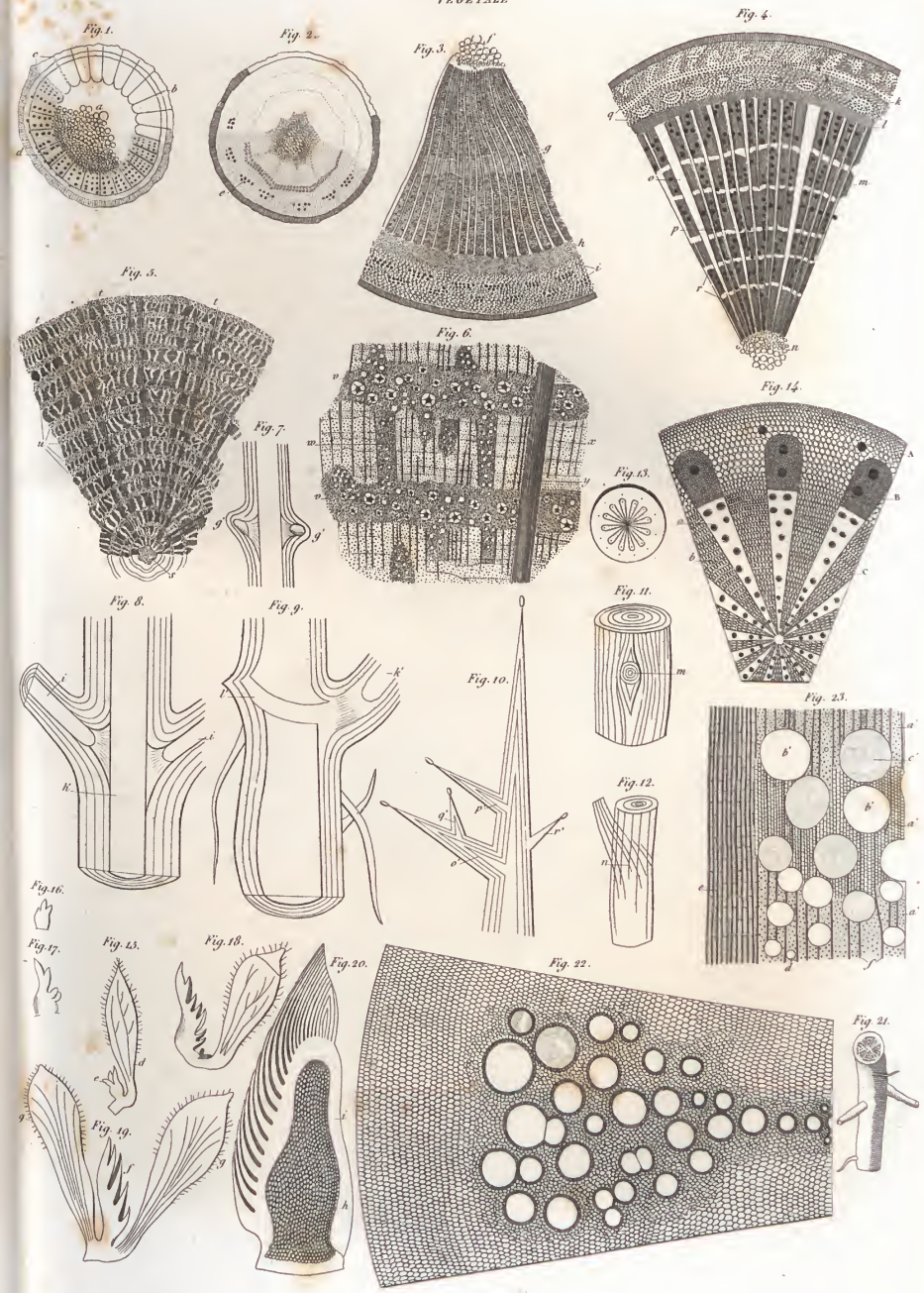


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9. B.
Fig. 9. A.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
Fig. 15.
Fig. 16.
Fig. 17.
Fig. 18.
Fig. 19.
Fig. 20
Fig. 22.
Fig. 23.
Fig. 24.
Fig. 25.
Fig. 26.
Fig. 27.
Fig. 28.
Fig. 29.
Fig. 30.
Fig. 31.
Fig. 32.
Fig. 33.
Fig. 34.
Fig. 35.
Fig. 36.
Fig. 37.
Fig. 38.
Fig. 39.
Fig. 40.
Fig. 41.
Fig. 42.
Fig. 43.
Fig. 44.
Fig. 45.
Fig. 46.
Fig. 47.
Fig. 48.
Fig. 49.

ULYSSES APUD CIRCEN POTUS.

BELLONA ETRUSCORUM.

DRACO, LEAENA, ALIAQUE MONSTRA ETRUSCORUM.

MUSICA ET POËSIS ETRUSCORUM.

SACRA CEREALIA ET LENAEA.

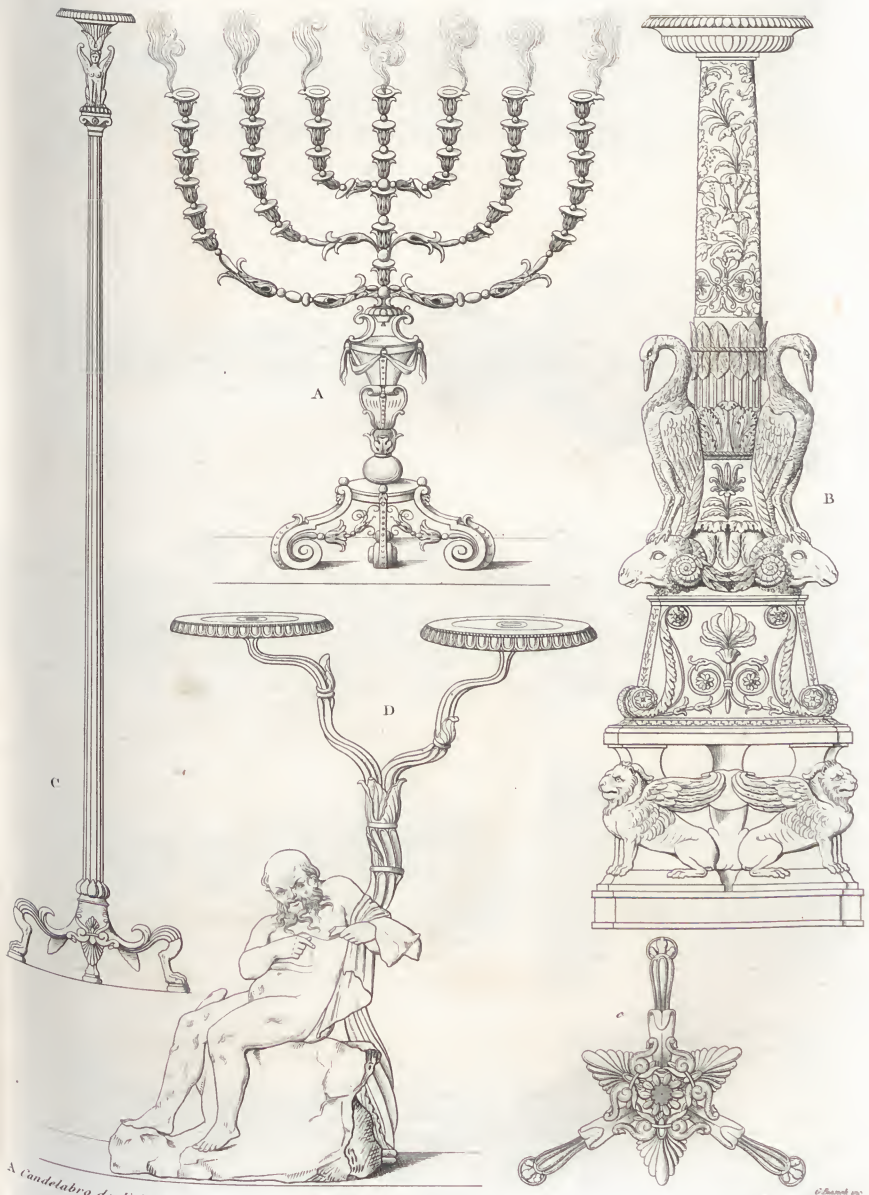
JOVIS FESTUM ET SACRUM.

ENERIS ET HYMENAEI SACRUM.

HYMENAEUS.

ACHILLIS FATA.

CANDELABRI



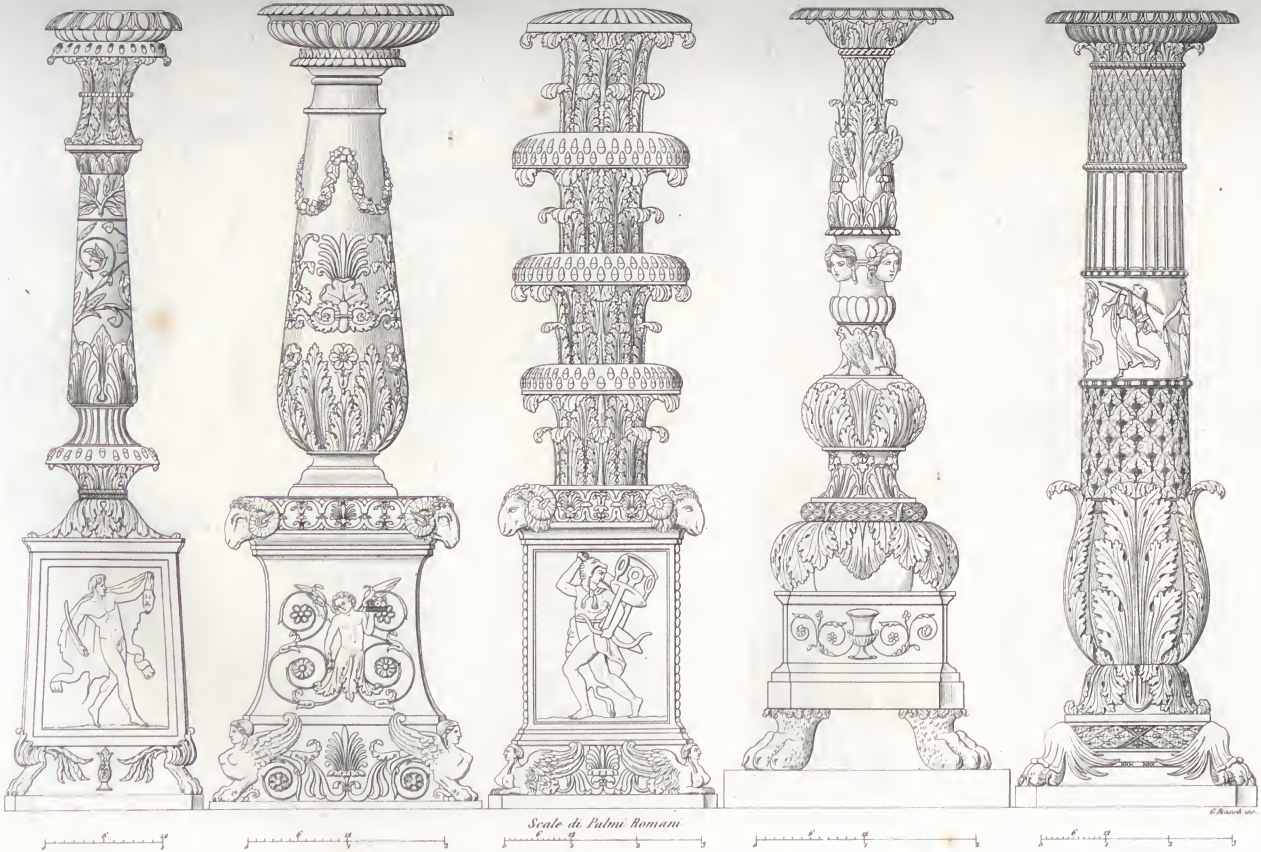
A Candelabro degli Ebrei

B.C.D Candelabri antichi di Ercolano

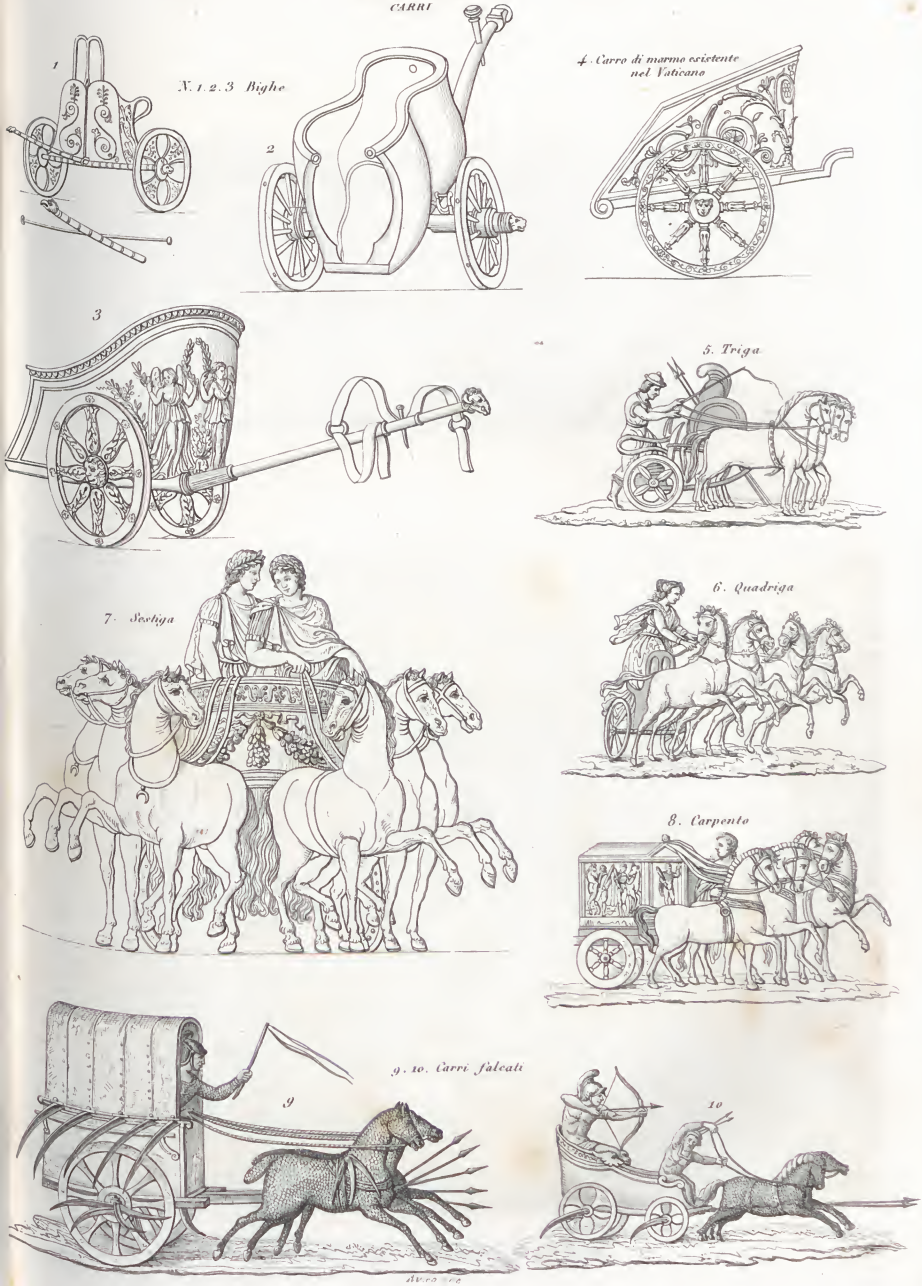
c. Piede del candelabro C.

UNIVERSITY OF MICHIGAN

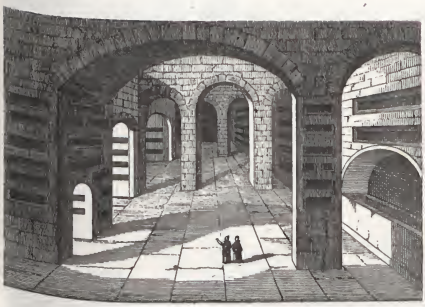
CANDELABRI



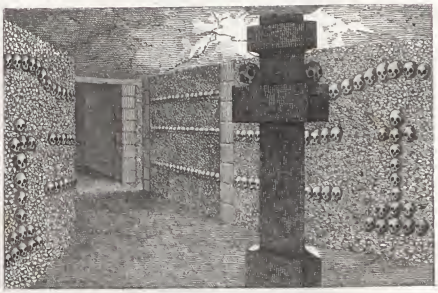
CARRI


1
N. 1. 2. 3 Bighe
2
4. Carro di marmo esistente nel Vaticano
3
5. Triga
7. Sestiga
6. Quadriga
8. Carpento
9. 10. Carri falcati
9
10

CATACOMBE



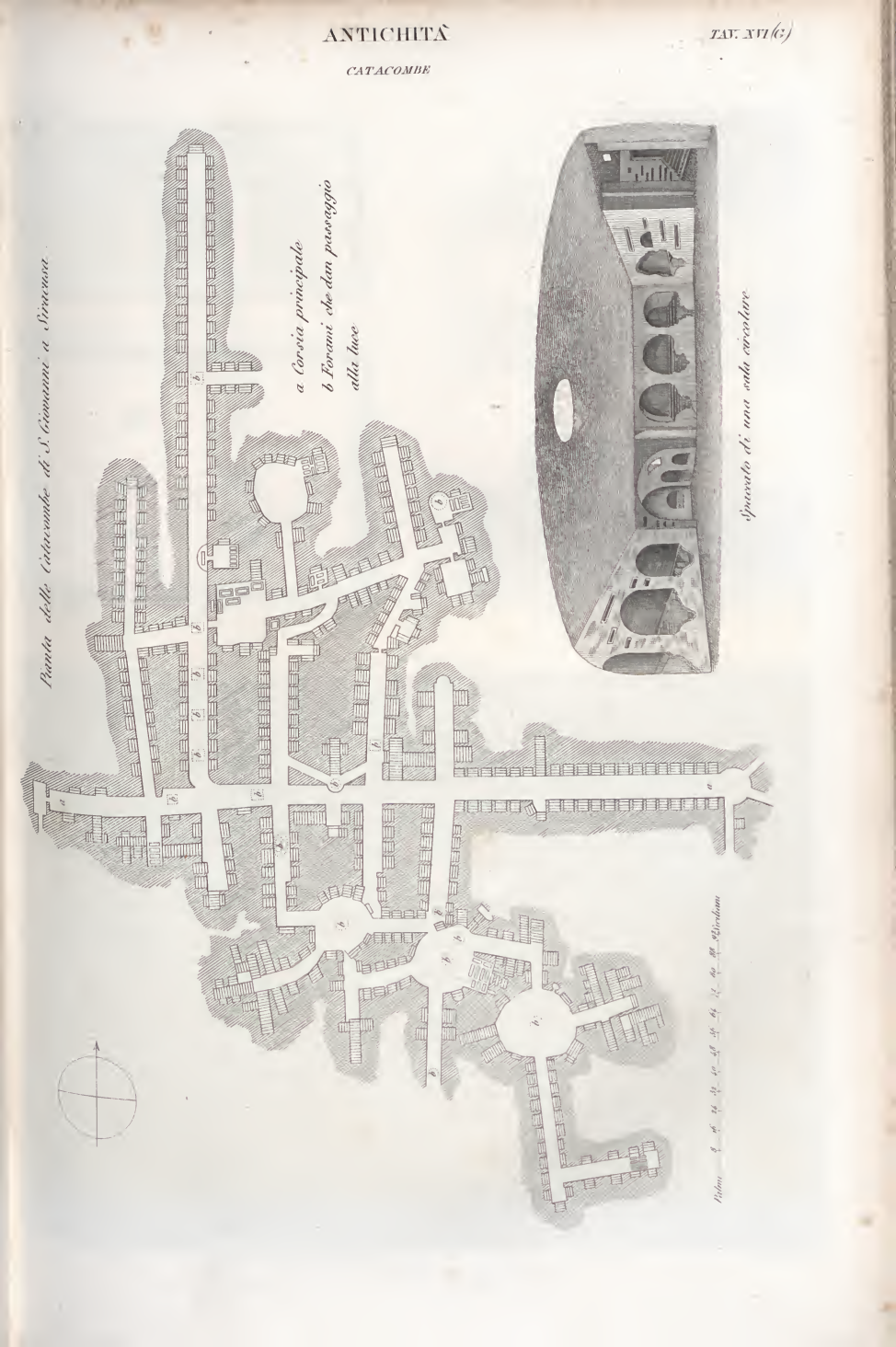
Catacombe di Napoli



Catacombe di Parigi

Colombario a S. Sebastiano in Roma.

CATACOMBE


Pianta delle Catacombe di S. Gennaro a Napoli
a Corsia principale
b Forami che dan passaggio alla luce
Spaccato di una sala circolare
Palmi 8 16 24 32 40 48 56 64 72 80 Metri

PISCINE E CISTERNE

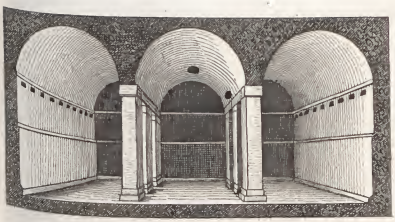
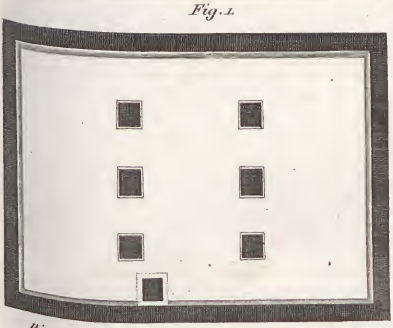
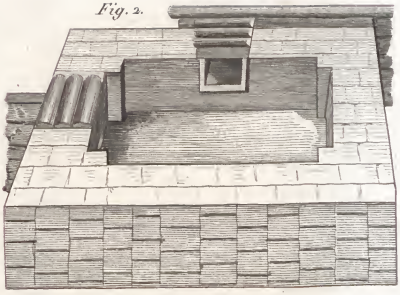


Fig. 1.



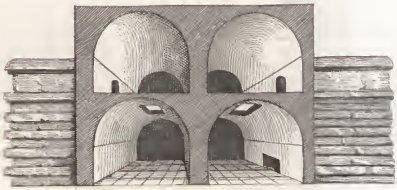
Pianta e sezione dell'antica Piscina di Volterra

Fig. 2.



Piscina dell'acqua Alessandrina

Fig. 3.



Piscina dell'acqua Vergine

Fig. 1.

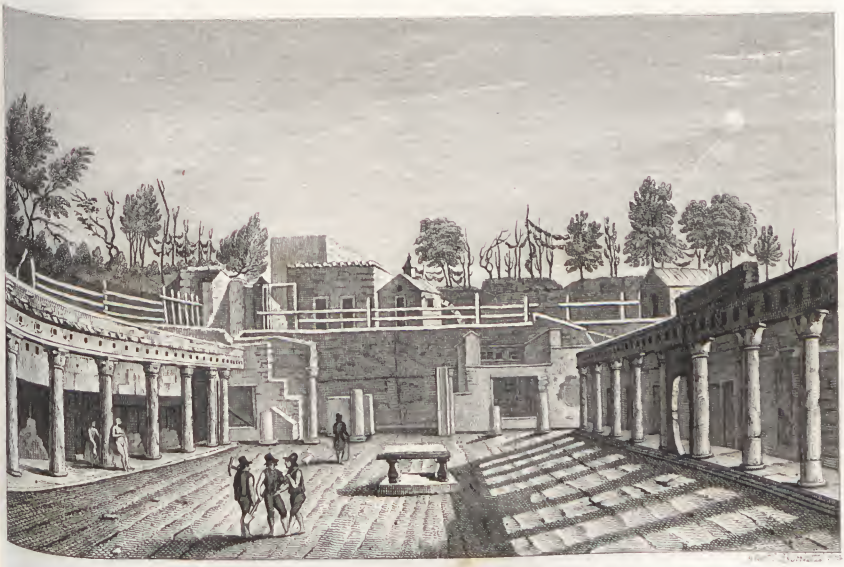
Arico inc

Cisterna delle mille e una colonna a Costantinopoli

ANTICHITÀ

ERCOLANO, POMPEI

Pompei – Porta della Città dalla parte di Ercolano

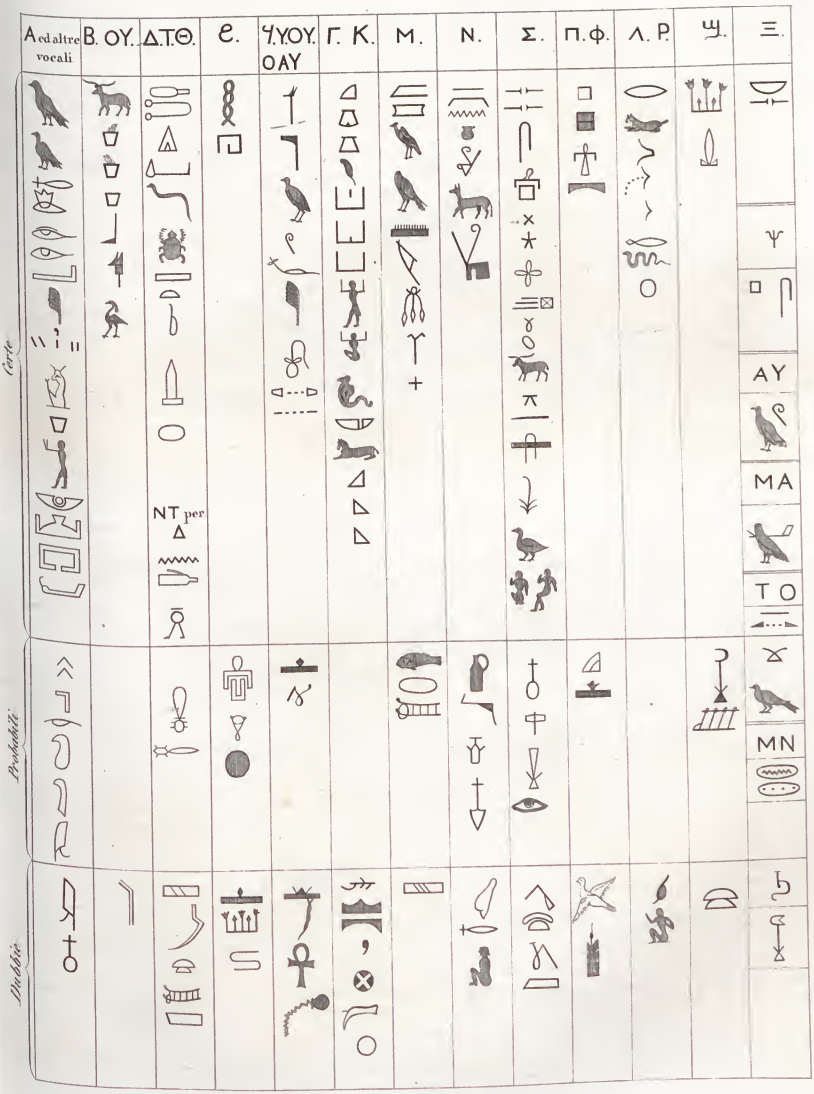


Ercolano – Ultimi scavi

ANTICHITA'

GEROGLIFICI

ALFABETO FONETICO



ATTRIBUTI, E AZIONI

VITA
ⲱⲛϩ, ⲁϩⲓ

ETERNITA`
ⲉⲛⲉϩ

IMMORTALE
ⲉⲧⲟⲛϩ ⲉⲛⲉϩ

GIOIA
ϩⲱⲟⲩ? ⲣⲁⲱⲓ?

POTERE
ϫⲟⲙ

STABILITA`
ⲧⲁϫⲣⲟ

STABILITO
ⲧⲁϫⲣⲏⲟⲩⲧ

FORZA
ⲁⲙⲁϩⲓ

POTERE
ϫⲟⲣ

VITTORIA
ϭⲣⲟ

FORTUNA

SPLENDORE
ⲱⲟⲩ, ⲟⲩⲱⲓⲛⲓ

PORTARE
ⲥⲁⲓ

ILLUSTRE
ⲫⲉⲣⲓⲱⲟⲩ

ONORE
ⲧⲁⲓⲟ

RISPETTABILE
ⲁϩ? ⲁⲙⲛⲱⲁϩ?

VENERABILE
ⲛⲓⲱⲧ? ⲛⲁⲓⲁⲧ?

RITO
ⲛⲉⲧⲥⲱⲉ

ADORAZIONE
ⲱⲁⲙⲱⲉ

PADRE
ⲓⲱⲧ

MADRE
ⲙⲁⲩ

FIGLIO
ⲱⲏⲣⲓ

SERVO
ⲃⲱⲕ? ⲱⲫⲏⲣ?

FIGLIA
ⲱⲉⲣⲓ

FIGLI
ⲛⲓⲱⲏⲣⲓ

FANCIULLO
ϧⲗⲟⲩ

DIRETTORE
ⲣⲉⲥⲥⲟⲩⲧⲉⲛ?

TIMONIERE
ⲣⲉⲥϩⲉⲙⲓ

REMATORE
ⲣⲉⲥⲃⲟⲥⲉⲣ?

RE
ⲟⲩⲣⲟ

CONDIZIONE
ⲙⲉⲧ

REGNO
ⲙⲉⲧⲟⲩⲣⲟ

LIBAZIONE
ⲱⲧⲉⲛ ⲉ̀ⲃⲟⲗ

CERIMONIA
ⲱⲏⲗⲏ?

SACERDOTE
ⲟⲩⲏⲃ, ϩⲟⲛⲧ

SACERDOZIO
ⲙⲉⲧⲟⲩⲏⲃ

SACERDOTALE
ⲛⲧⲉ ⲛⲓϩⲟⲛⲧ

ASSEMBLEA
ⲱⲁⲓ

SACRO
ⲟⲩⲁⲃ

CONSACRATO
ⲑⲟⲩⲱⲧ?

DARE
ⲧ

OFFERIRE
ⲉⲛ, ⲓⲛⲓ

DEDICARE
ⲧⲁϩⲟ?

LEGITTIMO
ⲑⲙⲏⲓ

BUONO
ⲛⲁⲛⲉ

CONCESSIONE
ⲉⲧⲧⲛϩⲙⲟⲧ

MUNIFICENTE
ⲣⲉⲥⲛⲁⲛⲉⲥ

GRANDE
ⲛⲓⲱⲧ, ⲛⲁⲁ

ALTRI
ⲕⲉⲭⲱⲟⲩⲛⲓ

CHIAMATO
ⲉⲧⲭⲱ

DICHIARAZIONE
ⲱⲱ ϩⲱⲛ

MANIFESTO
ⲉⲧⲥⲟⲩⲉⲛ

NOME
ⲣⲁⲛ

ILLUMINAZIONE
ⲣⲉⲥⲉⲣⲟⲩⲱⲓⲛⲓ

AMARE
ⲙⲙⲁⲓ, ⲙⲉⲛⲣⲏⲧ

CONSERVATORE
ⲉⲑⲛⲟϩⲉⲙ

INNALZARE
ⲧⲁϩⲟ ⲉ̀ⲣⲁⲧ

PREPARARE
ⲥⲉⲁⲧⲉ

ANTICHITÀ

FORI

Foro Trajano

Foro Romano

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14.
10.
16.a
16.b
16.c

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5.a
5.b
5.c
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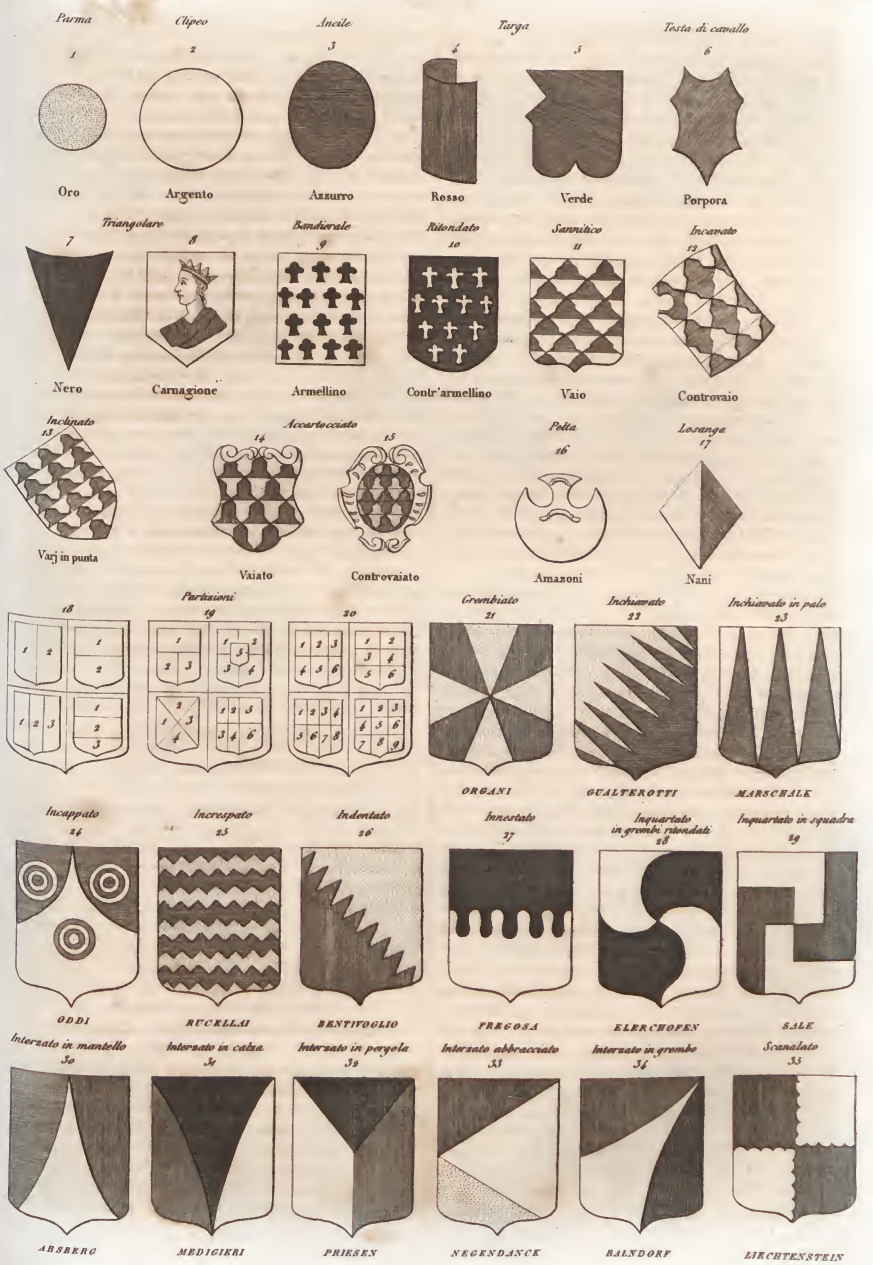
Parma
1
Oro
Clipeo
2
Argento
Ancile
3
Azzurro
Targa
4
Rosso
5
Verde
Testa di cavallo
6
Porpora
Triangolare
7
Nero
8
Carnagione
Bandierale
9
Armellino
Ritondato
10
Contr'armellino
Sannitico
11
Vaio
Incavato
12
Controvaio
Inclinato
13
Varj in punta
Accartocciato
14
Vaiato
15
Controvaiato
Polta
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Losanga
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Grembiato
21
ORGANI
Inchiavato
22
GUALTEROTTI
Inchiavato in palo
23
MARSCHALK
Incappato
24
ODDI
Increspato
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RUCELLAI
Indentato
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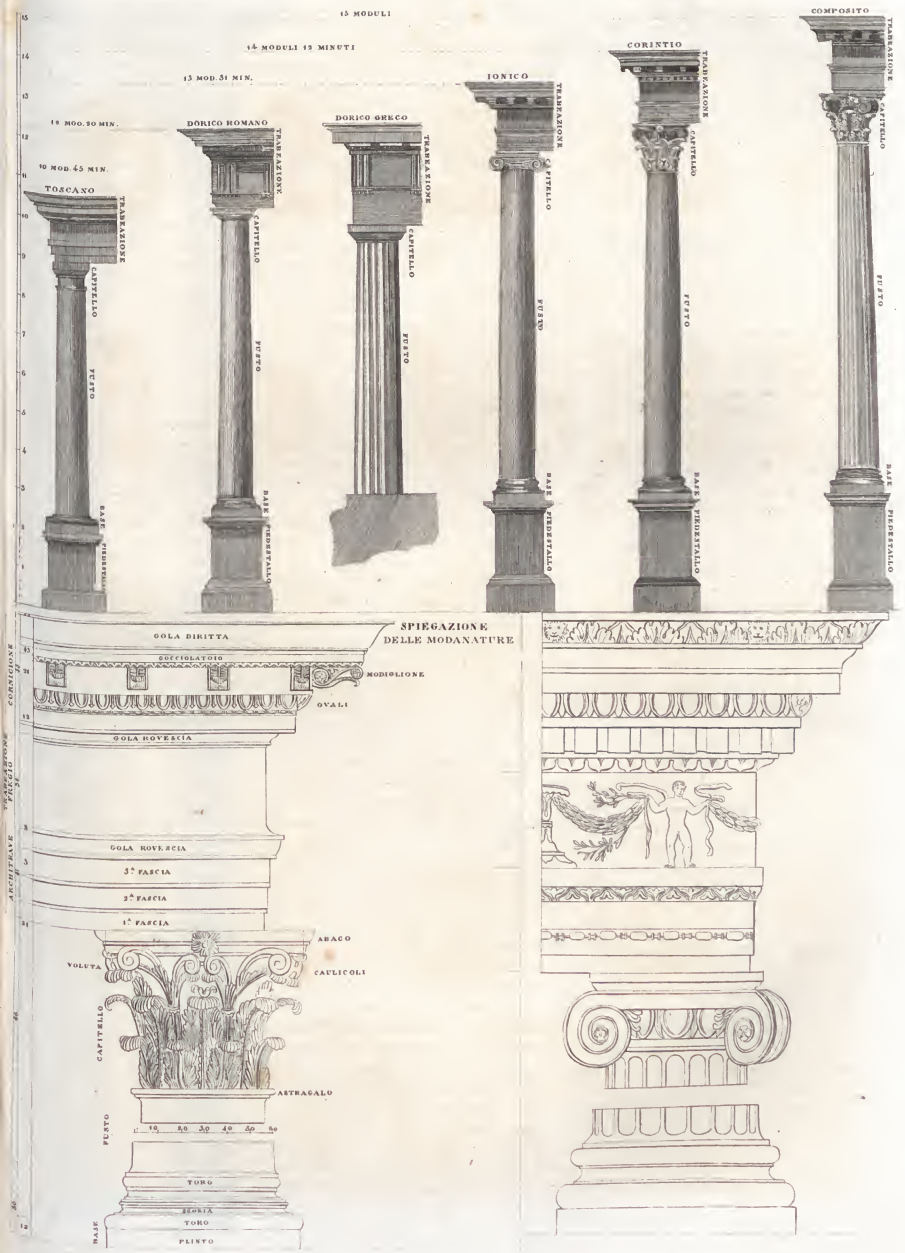
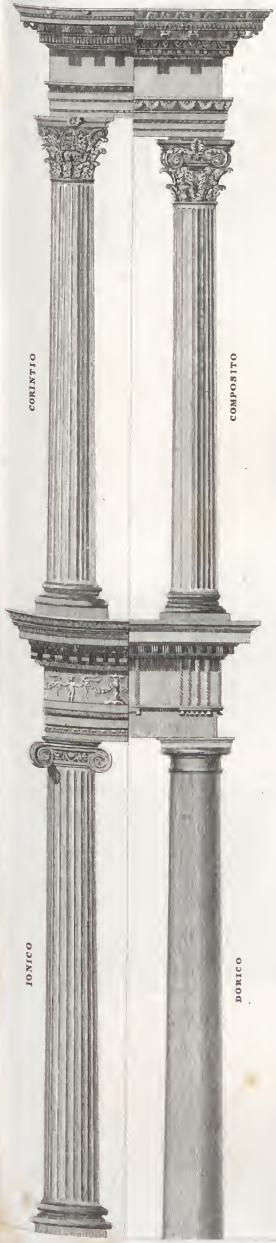


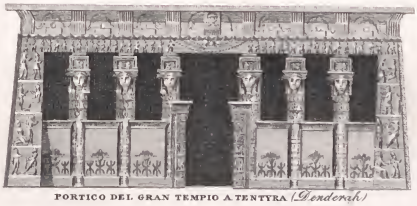

CORINTIO
COMPOSITO
IONICO
DORICO

COMPOSITO
DORICO
ROMANO

INGRESSO A LUXOR

PAGODA CINESE

TEMPIO DI ELLORA



PORTICO DEL GRAN TEMPIO A TENTYRA (Dendorah)

PARTENONE DI ATENE RESTAURATO

TEMPIO DI ERETTEO (Atene)

MONUMENTO CORAGICO (Atene)

PORTICO DI CARIATIDI (Atene)

ARCO DI TITO

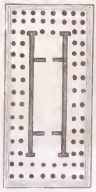
PIANTE DI TEMPII

COLLE ANTE

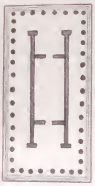
PROSTILO

ANFIPROSTILO

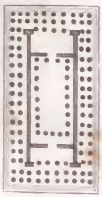
PERIPTERO



DIPTERO



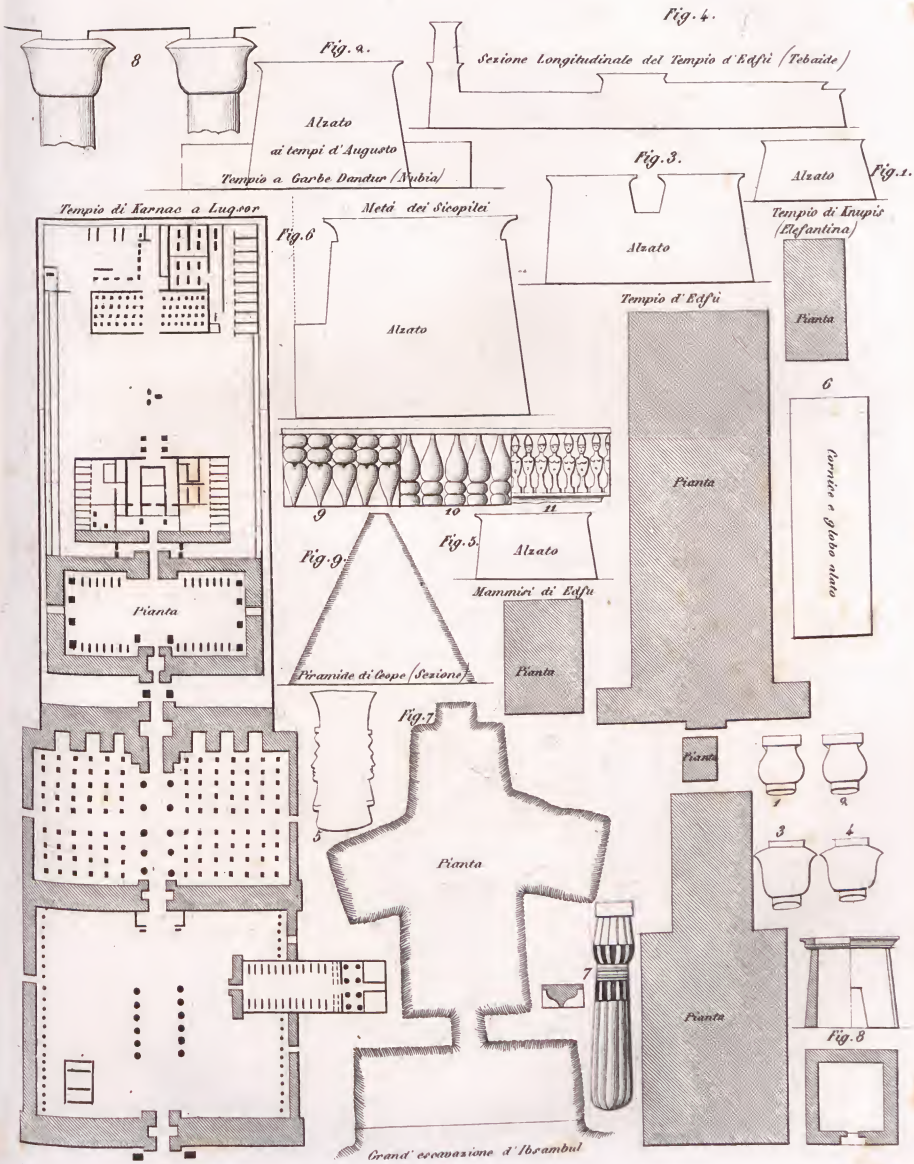
PSEUDO-DIPTERO

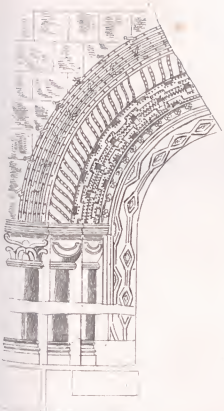


IPETRO

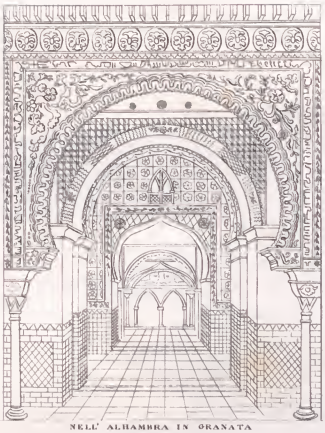
ARCHITETTURA

EGIZIA

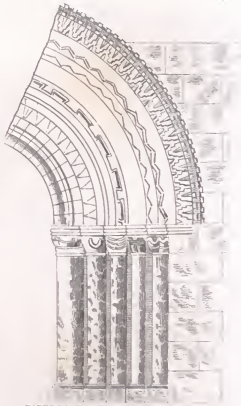




DALLA CATTEDRALE
DI DURHAM



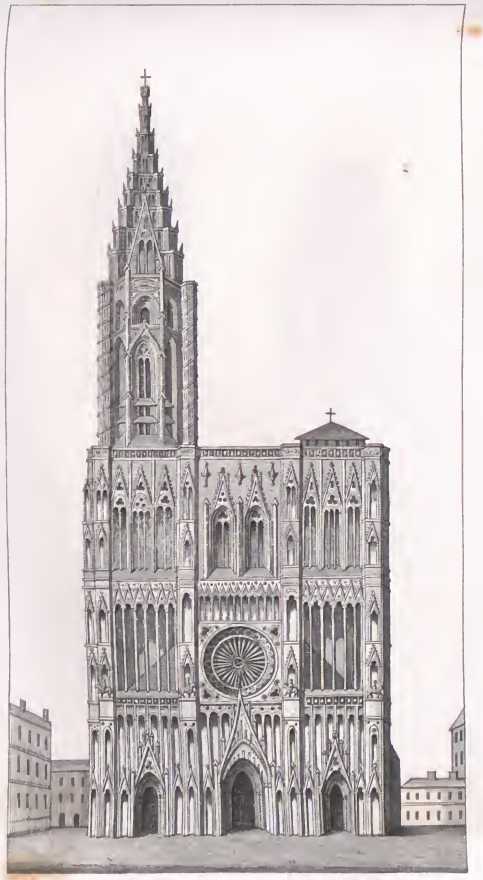
NELL' ALHAMBRA IN GRANATA



PARTE DI ARCO ELITTICO DELLA CHIESA
DI TICKENCOTE IN INGHILTERRA

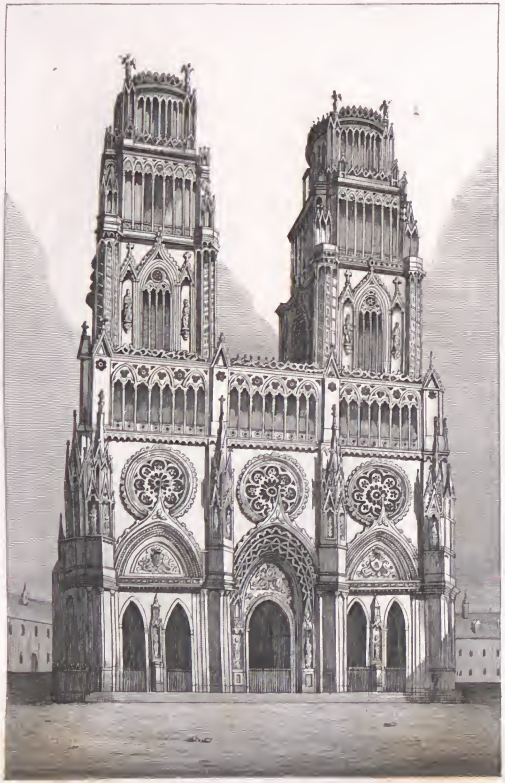
CATTEDRALE DI PISA

CATTEDRALE DI YORK

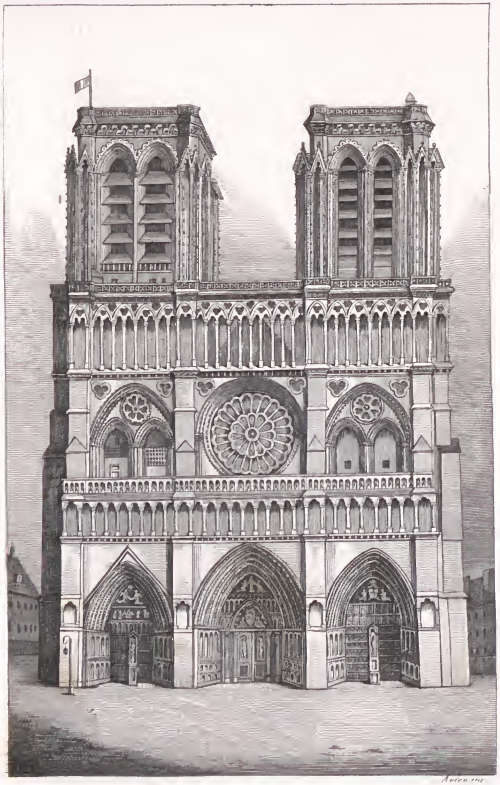


CATTEDRALE DI STRASBURGO

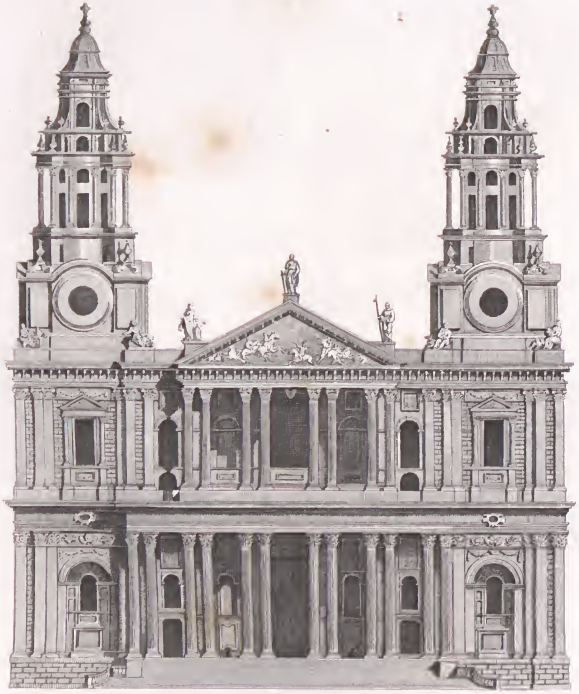
CATTEDRALE DI S. STEFANO IN VIENNA



CATTEDRALE DI ORLEANS



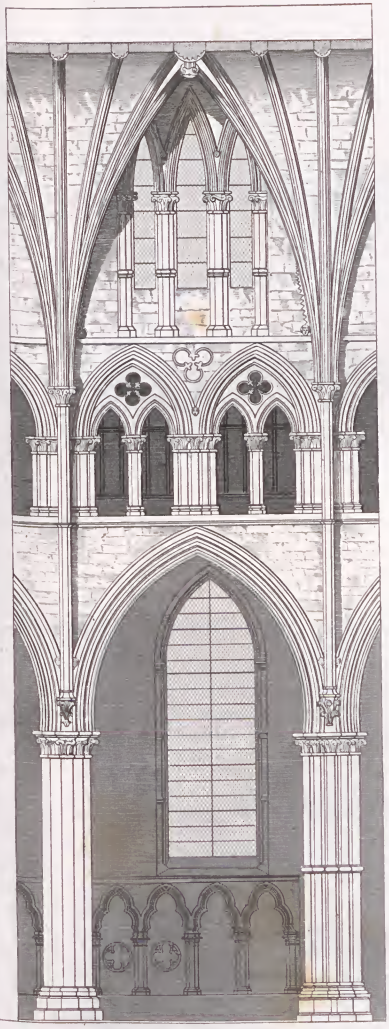
CATTEDRALE DI PARIGI



SAN PAOLO DI LONDRA

CATTEDRALE DI PISA

Parte della navata
della Cattedrale di Lincoln (Inghilterra)



Parte del Coro della Cattedrale di Lincoln

Fig. 1.

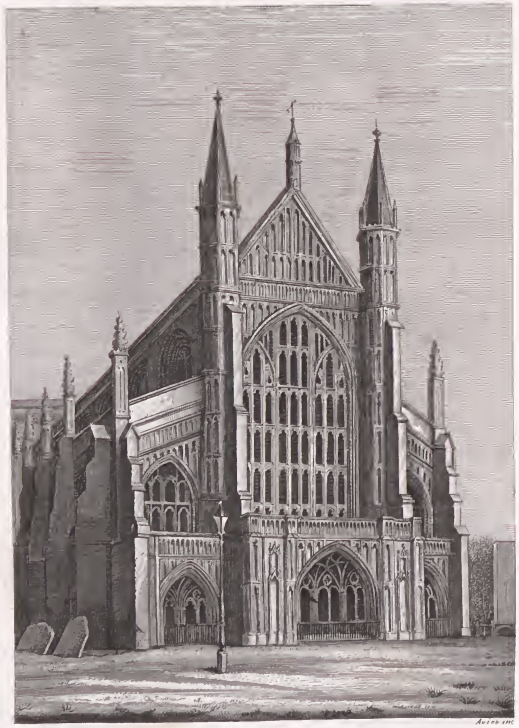
Fig. 2.

Dom. Bonetti inc.

CATTEDRALE DI LINCOLN

CATTEDRALE DI ELY

CATTEDRALE DI WELLS



CATTEDRALE DI WINCHESTER

Duomo di Milano

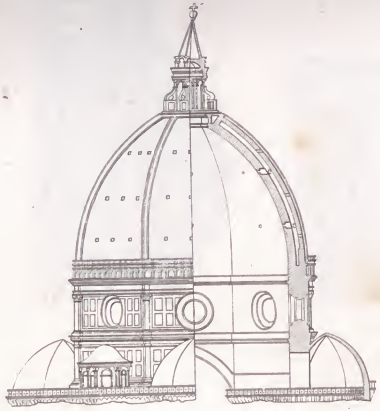
ARCHITETTURA

CATEDRALI

S. Pietro in Roma

S. Marco di Venezia

S. Paolo di Londra

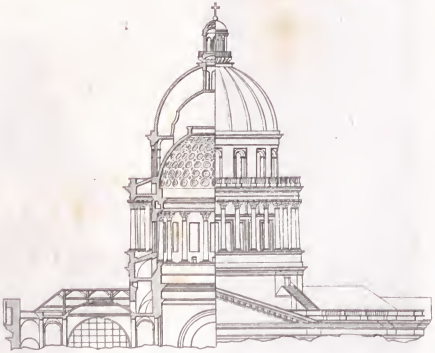


S. Maria del Fiore di Firenze

S. Sofia di Costantinopoli

S. Pietro di Roma

degl'Invalidi
a Parigi



Panteon di Parigi

Fig. 1.

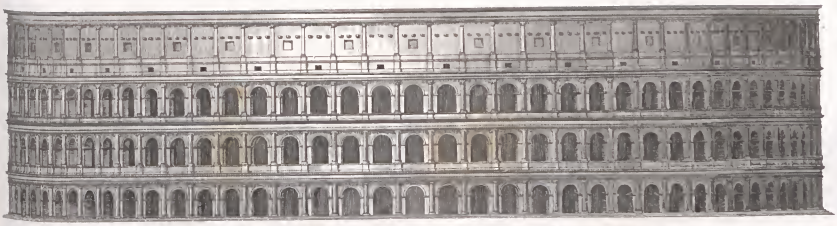
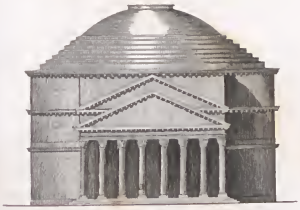


Fig. 2.



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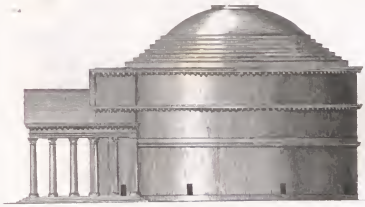


Fig. 4.

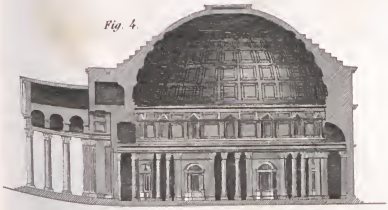


Fig. 5.

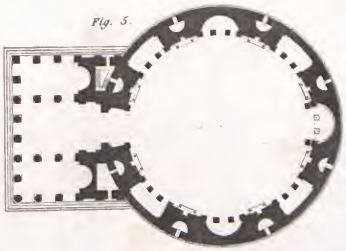


Fig. 6.

Fig. 7.

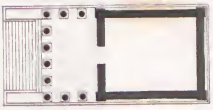


Fig. 8.

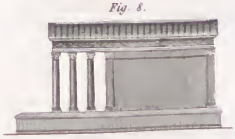


Fig. 9.

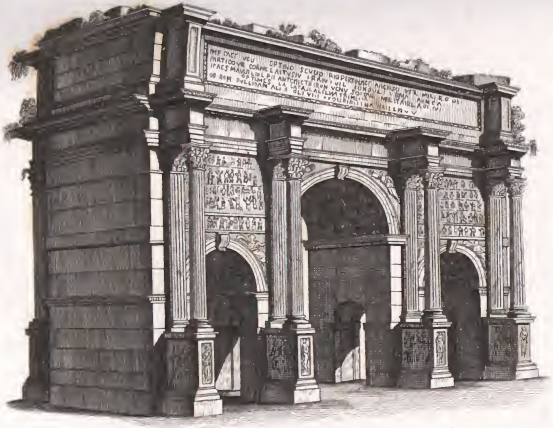
Fig. 10.

Fig. 11.

Fig. 12.

Dom. Bonetti inc.

Arco di Costantino a Roma



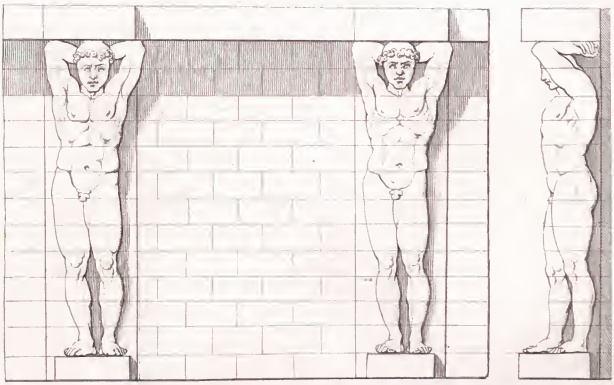
Arco di Settimio Severo a Roma

Arco dell' Etoile a Parigi

Arco della Pace a Milano

CARIATIDI

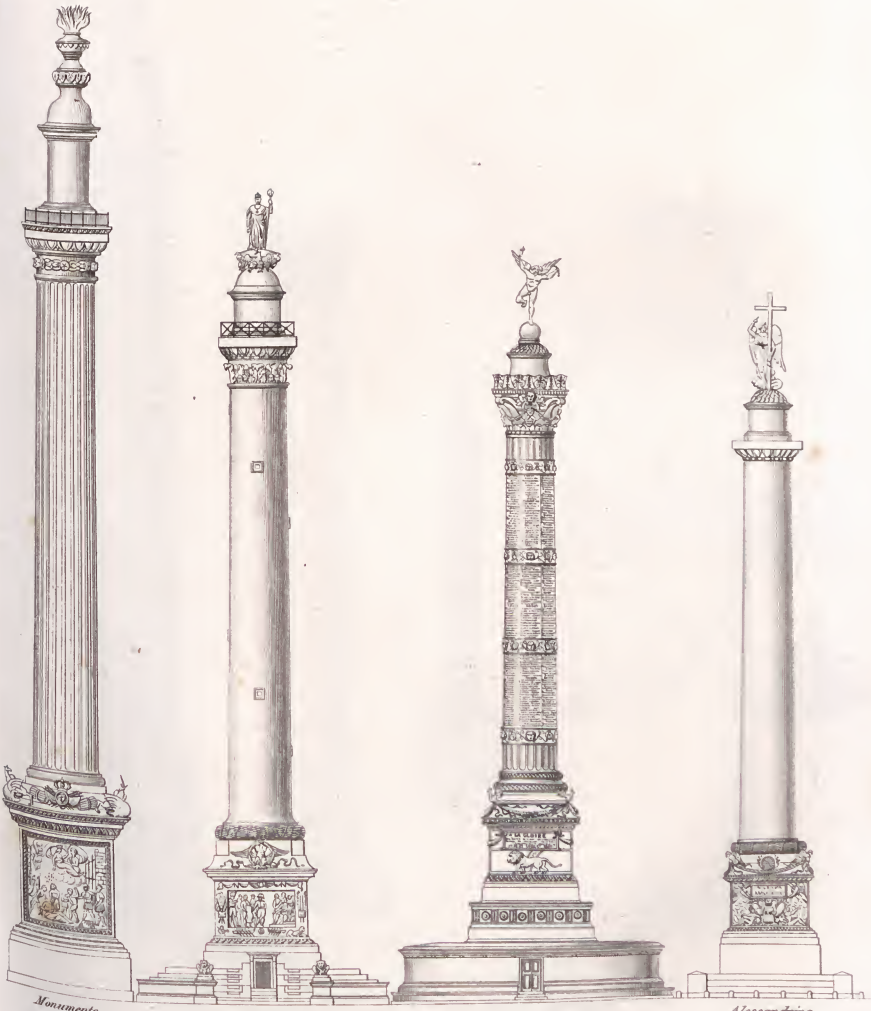
Decoraxione interna



NEL TEMPIO DI GIOVE OLIMPICO IN AGRIGENTO

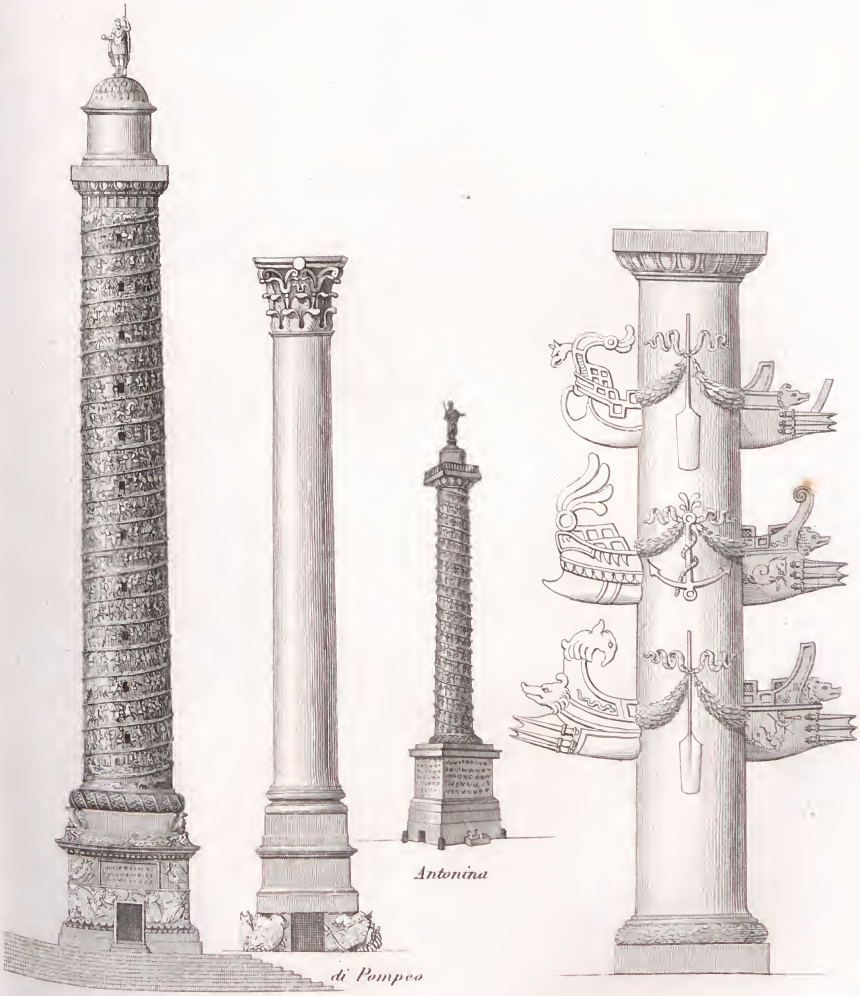
NEL TEMPIO DI MINERVA POLIADE ERETTEO E PANDROSO IN ATENE

COLONNE



Monumento di Londra — di Boulogne — di Luglio a Parigi — Alessandrina di Pietroburgo

COLONNE



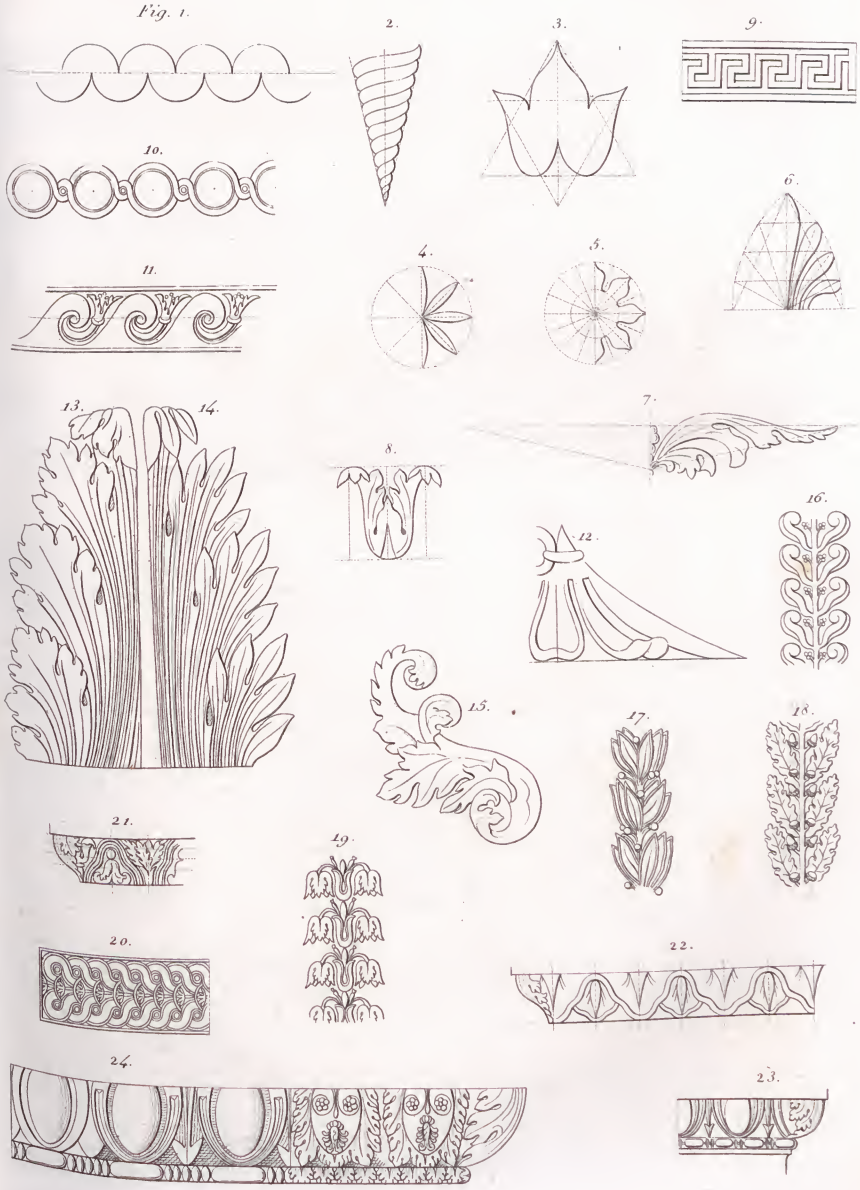


Fig. 1.
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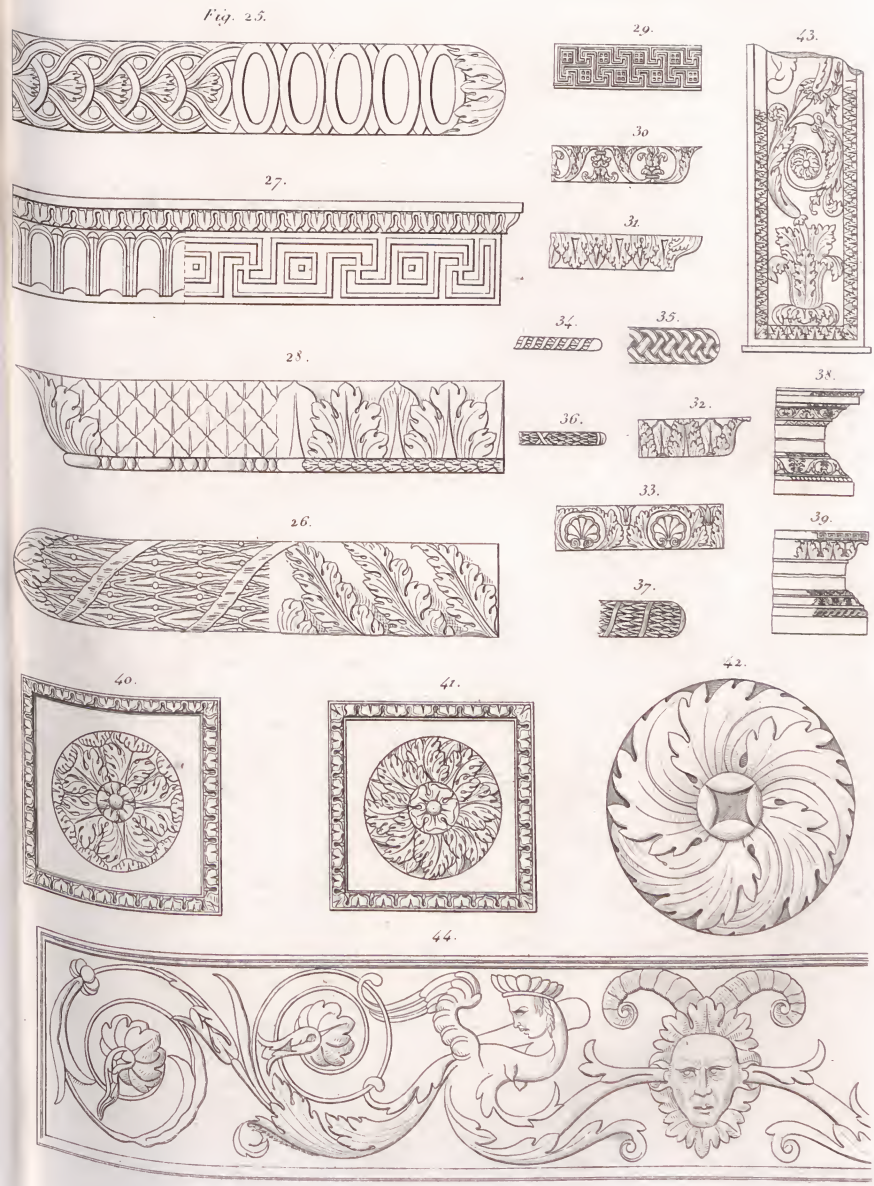
Fig. 25.
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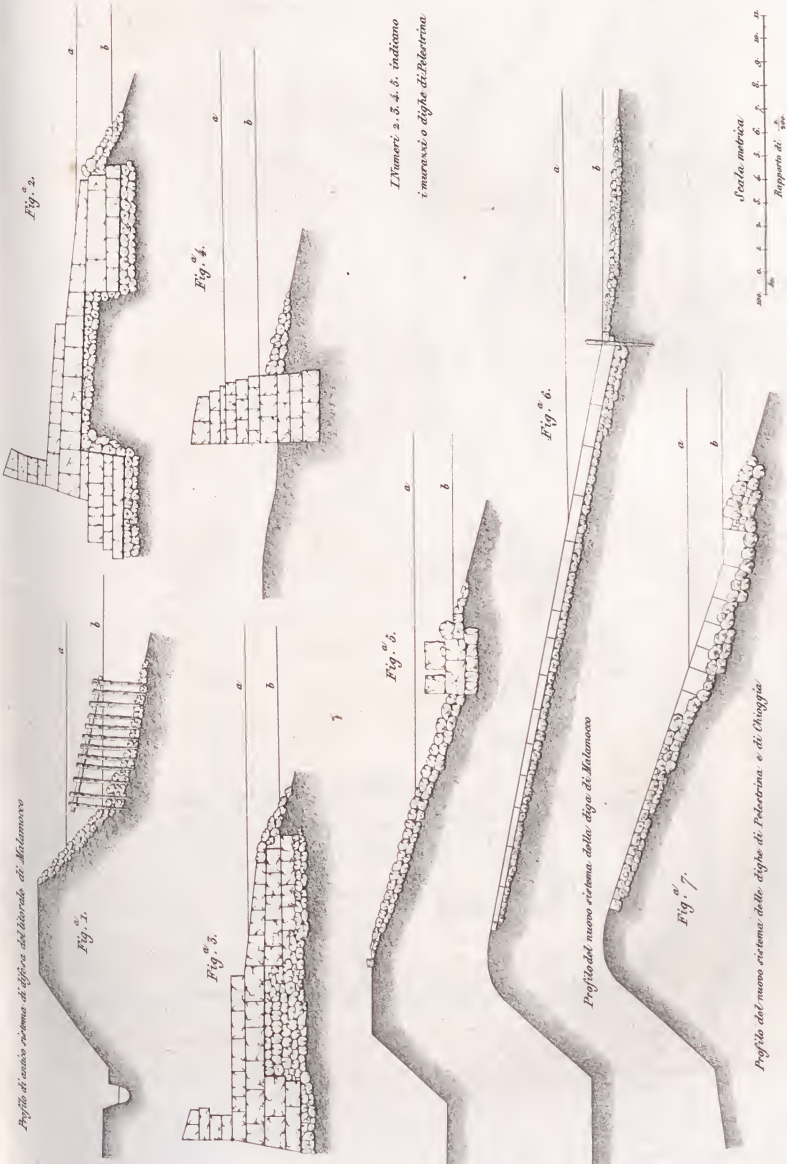
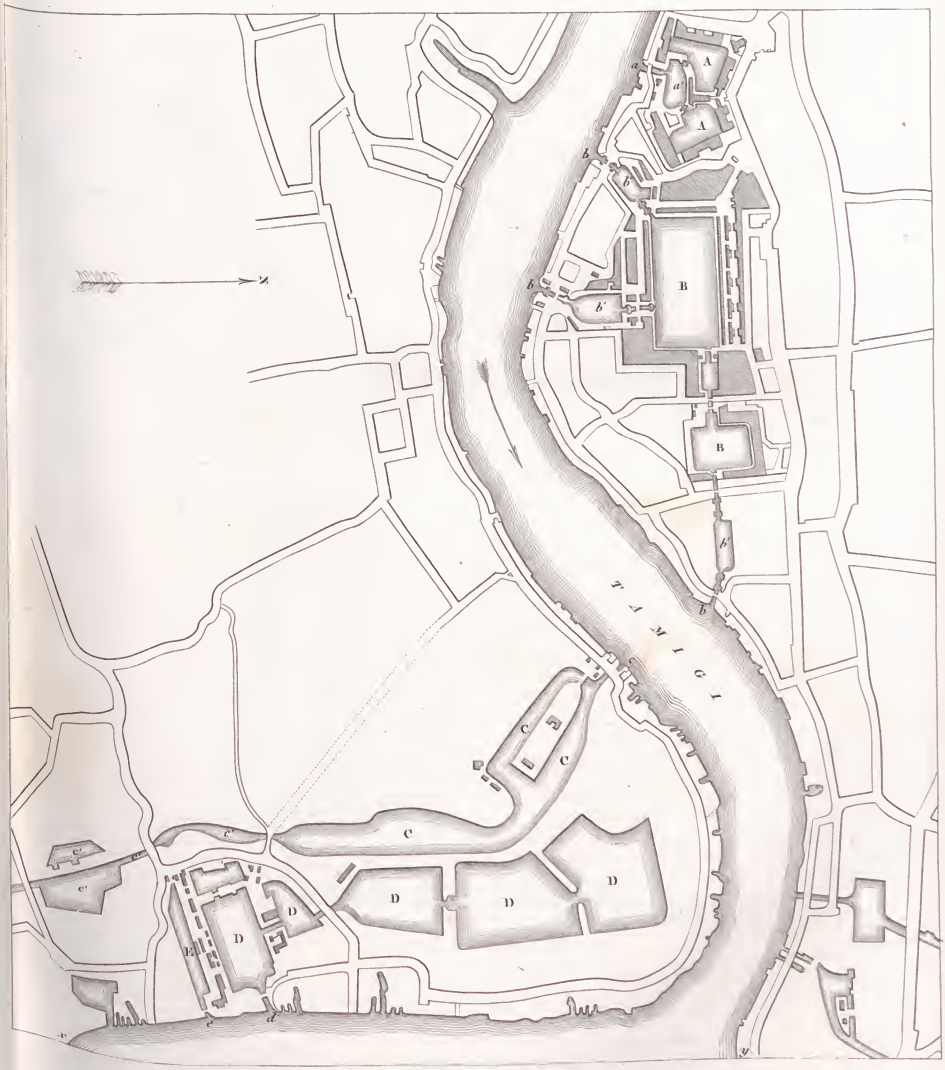


Fig.a 1.
Fig.a 2.
Fig.a 3.
Fig.a 4.
Fig.a 5.
Fig.a 6.
Fig.a 7.
a
b
I Numeri 2. 5. 4. 5. indicano i muraccie o dighe di Pelerina.
Scala metrica
Rapporto di 1/200
Profilo di undico sistema di difesa del litorale di Malamocco
Profilo del nuovo sistema delle dighe di Malamocco
Profilo del nuovo sistema delle dighe di Pelerina e di Chioggia

ARCHITETTURA IDRAULICA

DOCKS DI LONDRA

dalla Torre a ponente sino a Blackwall a levante.



A.A	*Docks di S.ta Caterina*
a	*Ingresso dal fiume*
a'.	*Bacino*
B.B.	*Docks di Londra*
b.b.b.	*Ingressi*
b'.b'.b'.	*Bacini*
C.C.C.	*Docks detti* Grand Surrey
c.	*Ingresso*
c'. c'. c'.	*Canale e bacini*
D.D.D.D.	*Docks detti* Commerciali
d.	*Ingresso*
E.	*Dock detto* East Country
e.	*Ingresso*

N.B. Tutti gli edifizi tratteggiati sono magazzini e dipendenze

ARCHITETTURA IDRAULICA

DOCKS DI LONDRA

(Continuazione della TAV. XXV (N) sulla linea x y)

F. F'.	*Docks delle Indie Orientali*
F.	*Dock delle importazioni*
F'.	*Dock delle esportazioni*
f.	*Ingresso*
f'.	*Bacino*
G.	*Vecchio Dock*
g.	*Ingresso*
H. H'.	*Docks delle Indie Occidentali*
H.	*Dock delle importazioni*
H'.	*Dock delle esportazioni*
h. h.	*Ingressi — K. K. Bacini*
I.	*Dock Meridionale*
i. i.	*Ingressi*
K.	*Bacino pel legname da costruzione*

N B. Tutti gli edifizi tratteggiati sono magazzini e dipendenze

Fig. 4.

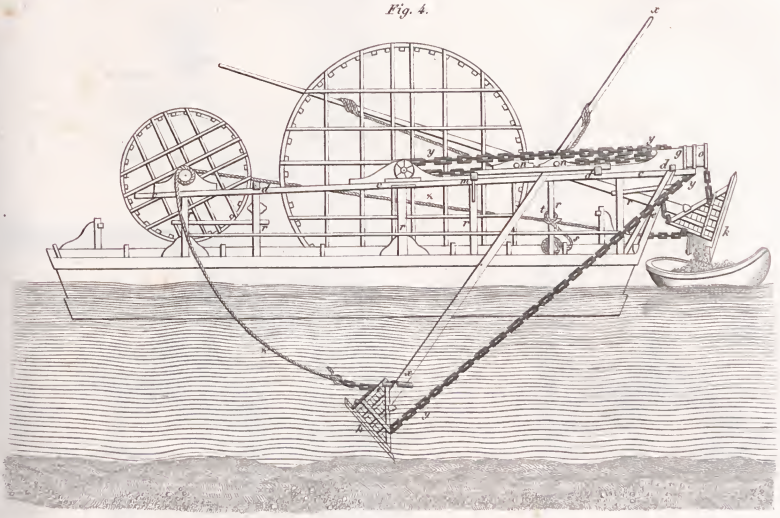


Fig. 3.

Fig. 2.

Fig. 1.

Fig. 5.

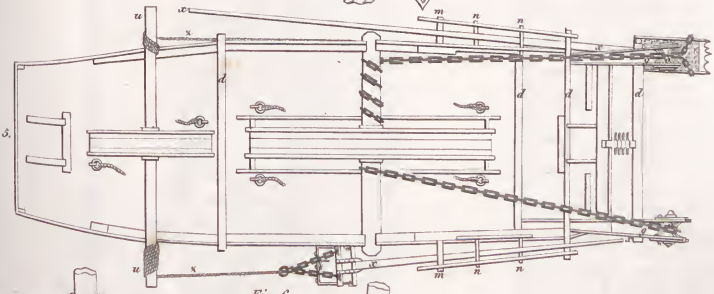
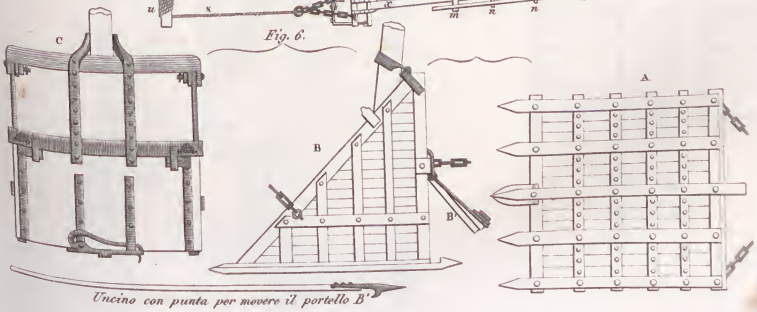
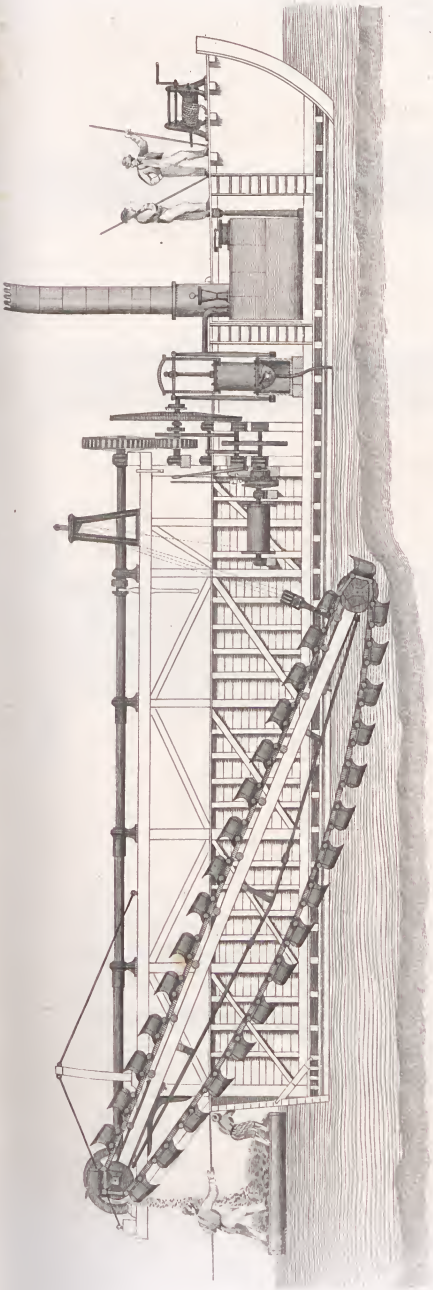


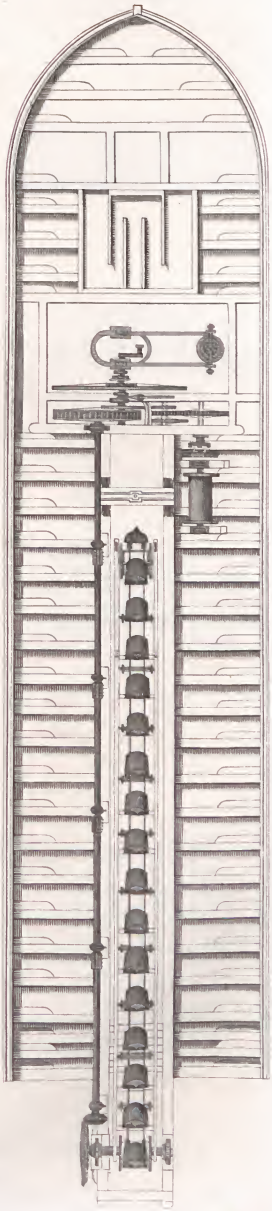
Fig. 6.



Uncino con punta per movere il portello B'



Sezione del manipolo a gradi



Pianta del puntone e della macchina

ARCHITETTURA IDRAULICA

FORME

Fig.ª 3.

Fig.ª 4.

Fig.ª 5.

Fig.ª 2.

Fig.ª 6.

Fig.ª 1.

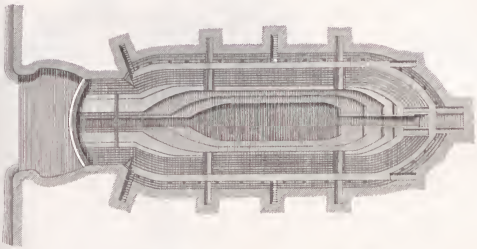


Fig.ª 7.

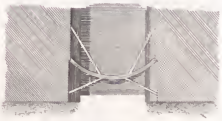


Fig.ª 8.

Fig.ᵉ 1. e 2. Pianta e sezione longitudinale di una forma

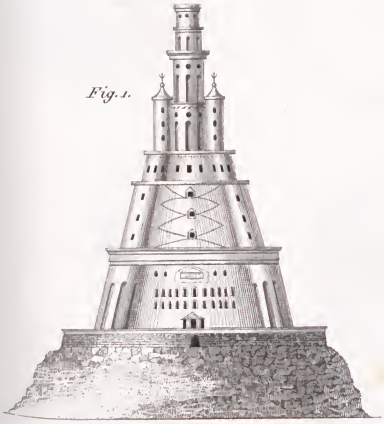
Fig.ᵉ 3 e 4. Pianta e alzata dell' ingresso di una forma con cateratta galleggiante

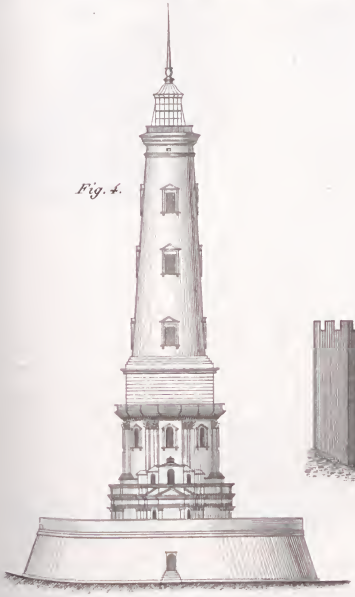
Fig.ª 5. Alzata dell' ingresso di una forma con grandi portoni

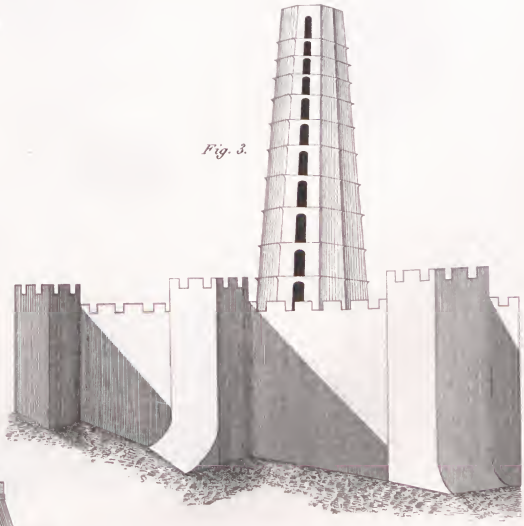
Fig.ᵉ 6. e 7 Pianta e alzata dell' ingresso di una forma con cateratta a sportello

Fig.ª 8. Pianta della forma di Sevastopoli

FARI







FARI

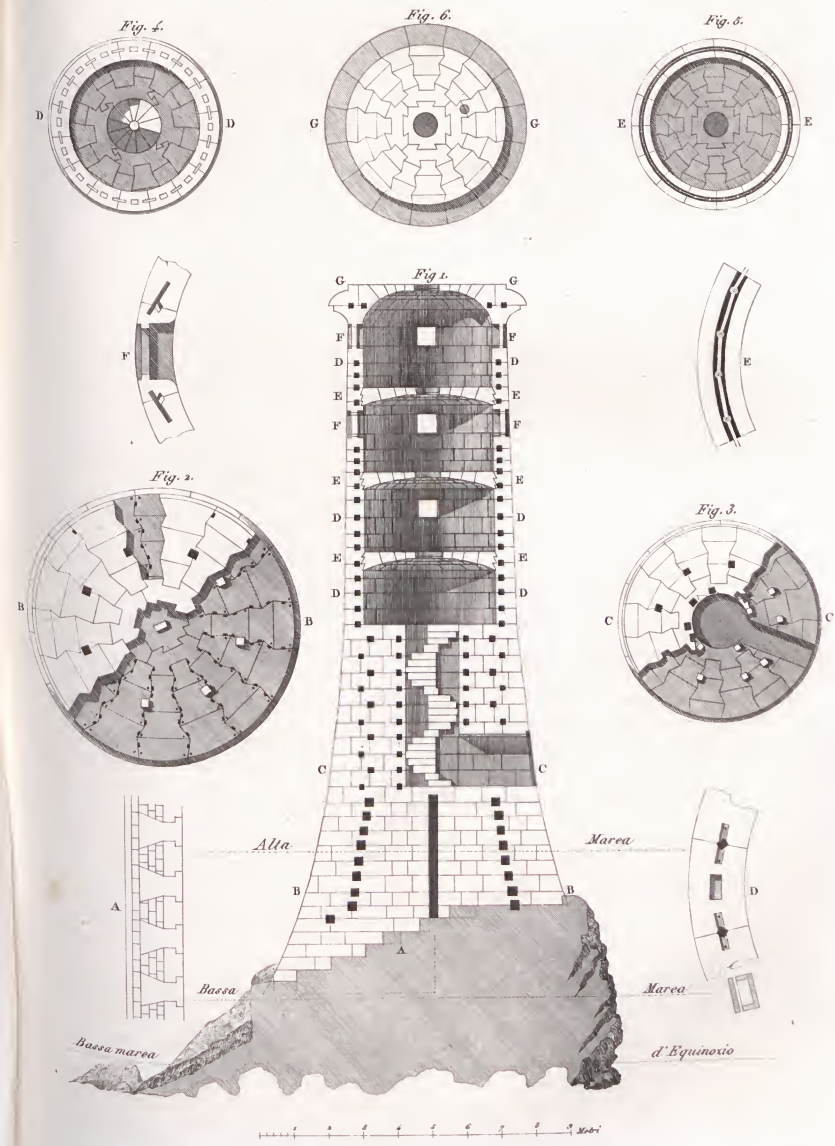


Fig. 4.
Fig. 6.
Fig. 5.
Fig 1.
Fig. 2.
Fig. 3.
Alta
Marea
Bassa
Marea
Bassa marea
d'Equinozio
Metri

FONTANE

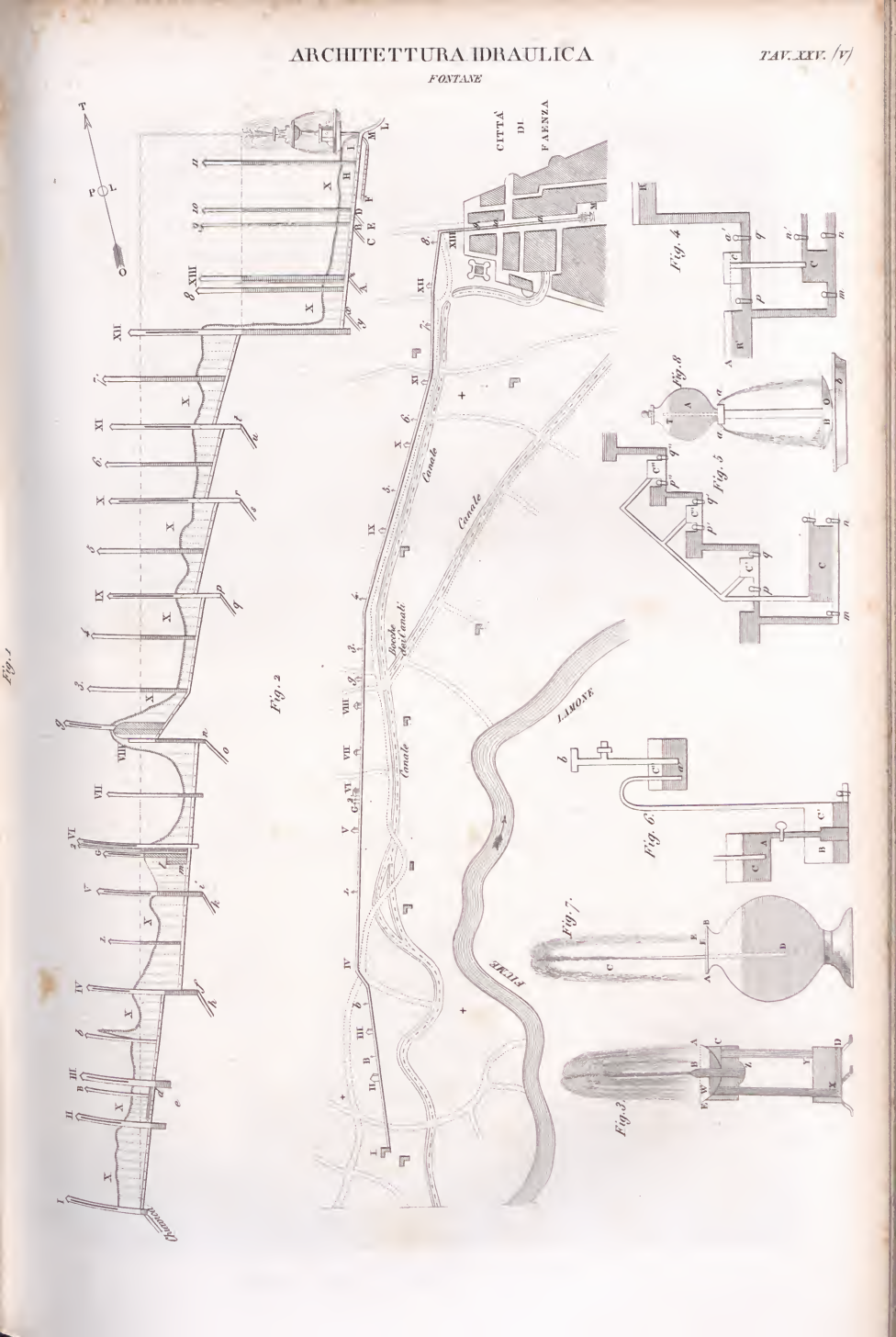
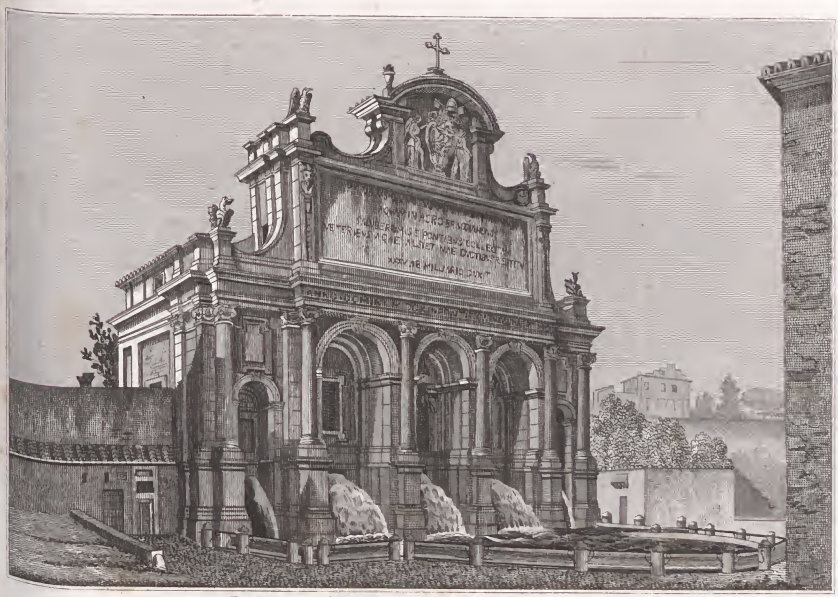
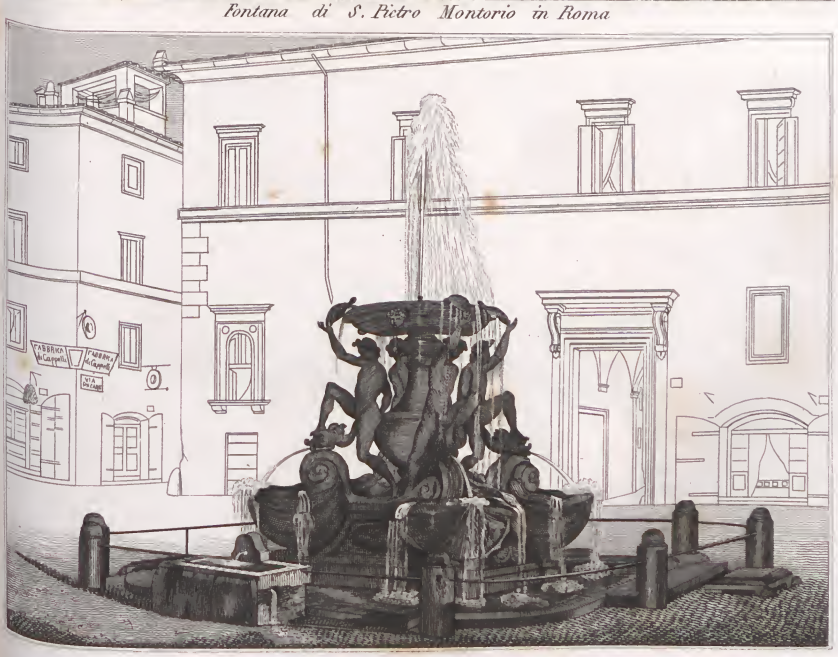


Fig. 1
Fig. 2
CITTÀ DI FAENZA
Canale
Bocche dei Canali
LAMONE
FIUME
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7
Fig. 8

FONTANE



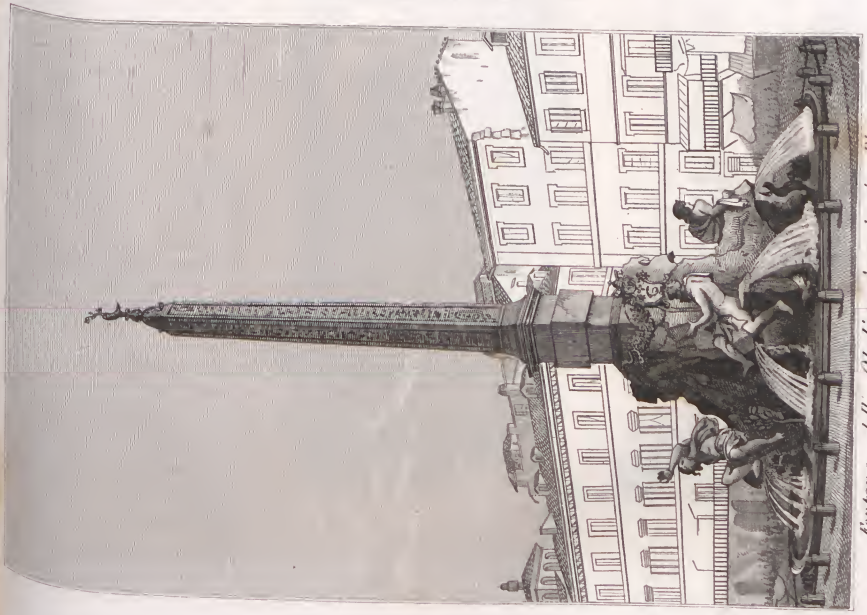
Fontana di S. Pietro Montorio in Roma



Fontana delle Tartarughe in Roma

FONTANE

Fontana di Trevi in Roma



Fontana dell' Obelisco Agonale in Piazza Navona in Roma

Ponte di ferro a Cubzac

PONTI

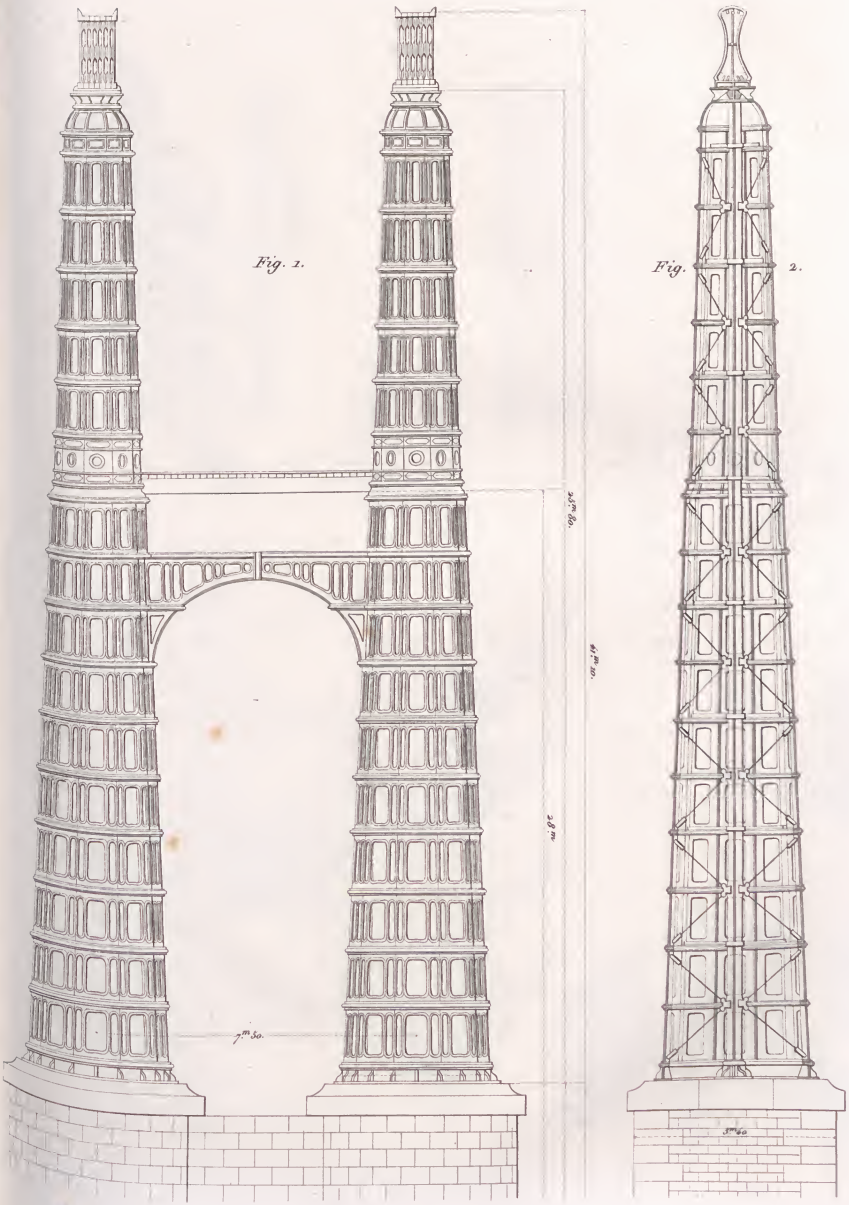
Ponte di ferro a Cadenas

Ponte Dean ad Edimburgo

Ponte di Waterloo a Londra

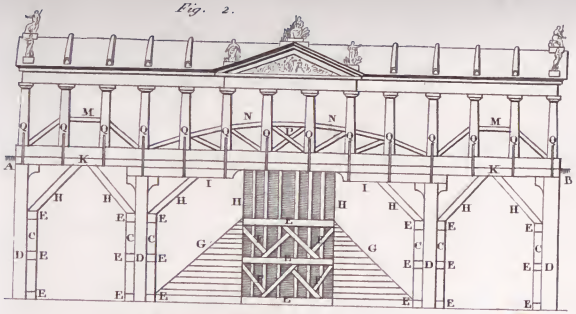
Ponte nuovo a Londra

PONTI



Pile del Ponte di ferro a Cubzac

Scala di 0 1 2 3 4 5 10 Metri.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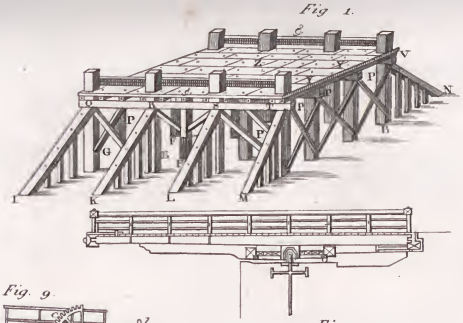


Fig 1.

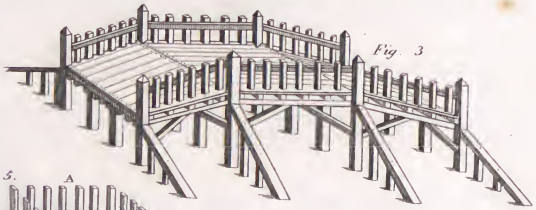


Fig. 3

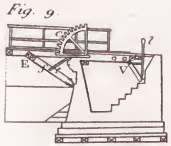


Fig. 9

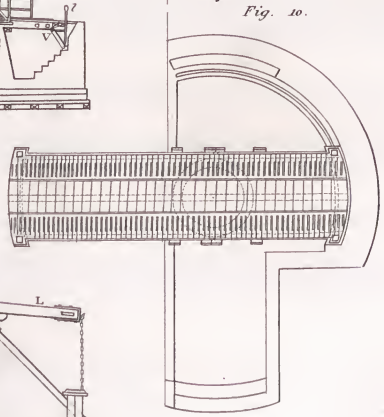
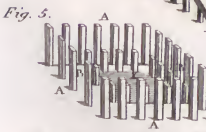


Fig. 10.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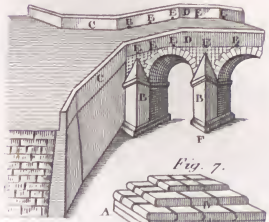

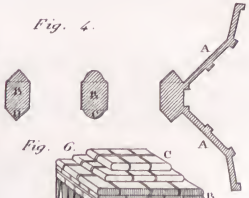
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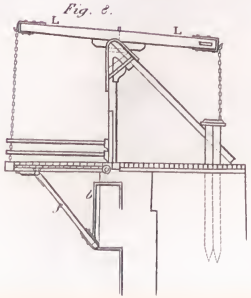


Fig. 8.

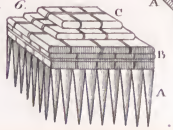


Fig. 6.

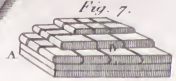
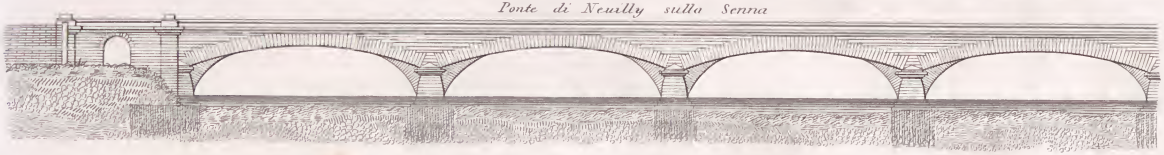


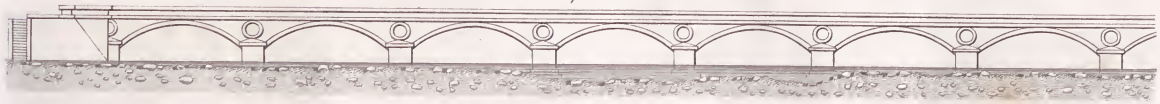
Fig. 7.

Ponte di Westminster

Ponte di Neuilly sulla Senna



Ponte sul Taro presso Parma



Ponte sulla Trebbia presso Piacenza

Ponte di Boffalora

Ponte di Rimini sulla Marecchia

Ponte di Dora a Torino

ARNIE

Fig. 1.

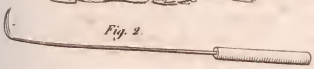


Fig. 2.

Fig. 3.
a

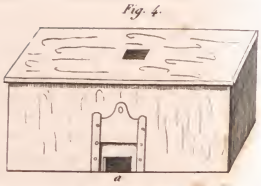
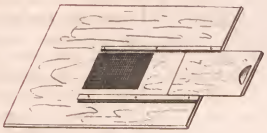


Fig. 4.
a

Fig. 5.
a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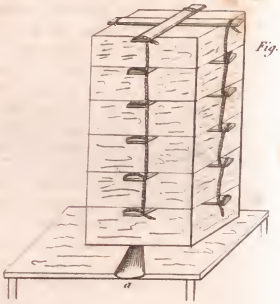


Fig. 7.
a

Fig. 8.
a

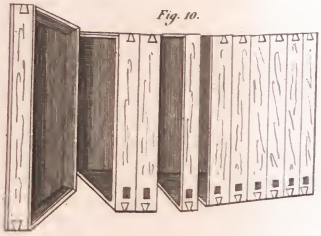


Fig. 10.

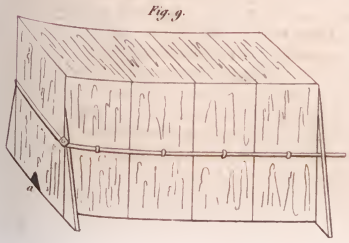
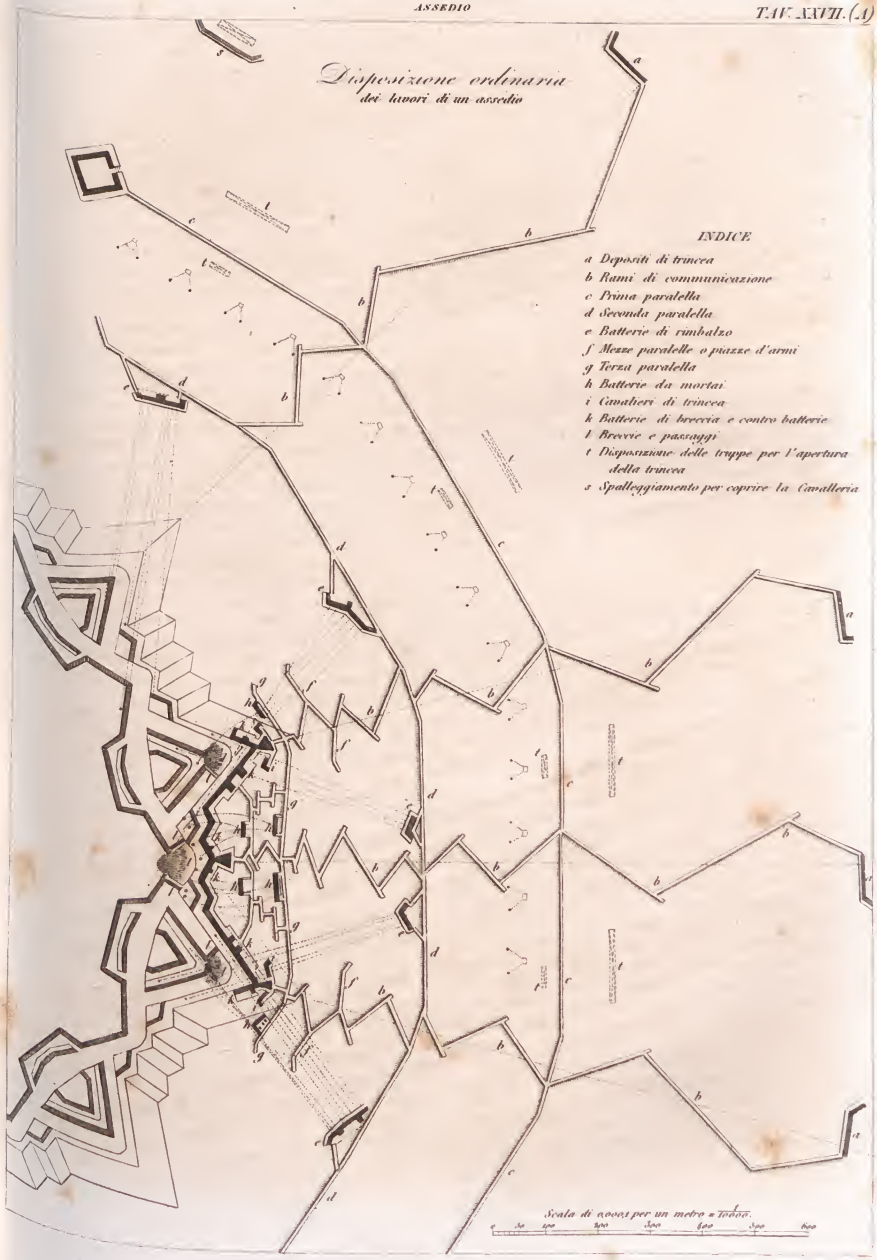


Fig. 9.
a

Fig. 11.
a

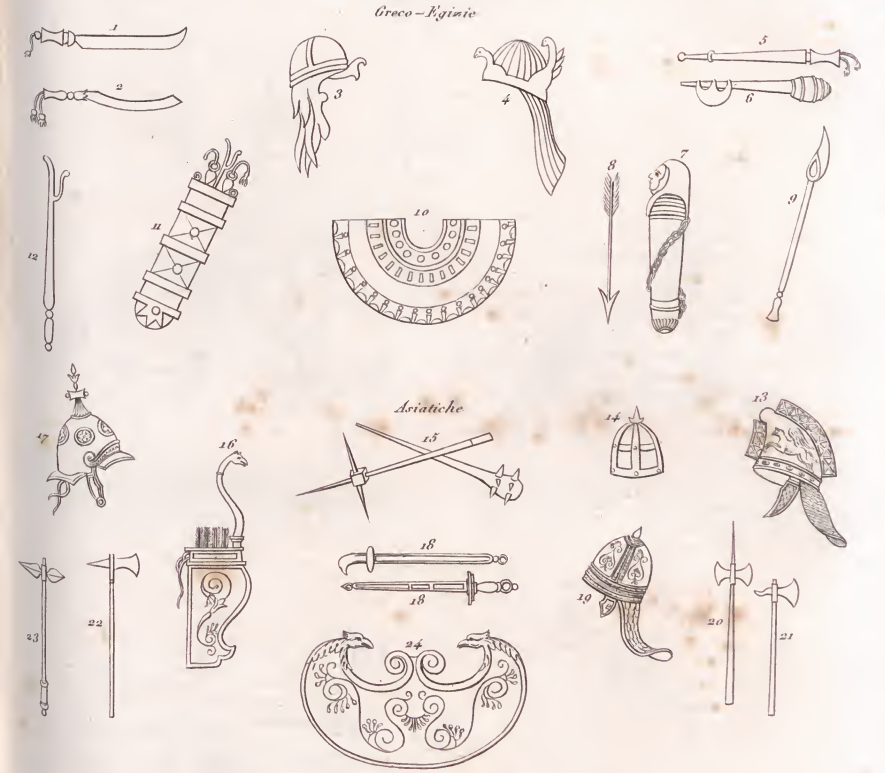
Fig. 12.


Disposizione ordinaria
dei lavori di un assedio
INDICE
a Depositi di trincea
b Rami di communicazione
c Prima paralella
d Seconda paralella
e Batterie di rimbalzo
f Mezze paralelle o piazze d'armi
g Terza paralella
h Batterie da mortai
i Cavalieri di trincea
k Batterie di breccia e contro batterie
l Breccie e passaggi
t Disposizione delle truppe per l'apertura della trincea
s Spalleggiamento per coprire la Cavalleria
Scala di 0,0001 per un metro = 1/10000.
0 50 100 200 300 400 500 600

ARTE MILITARE

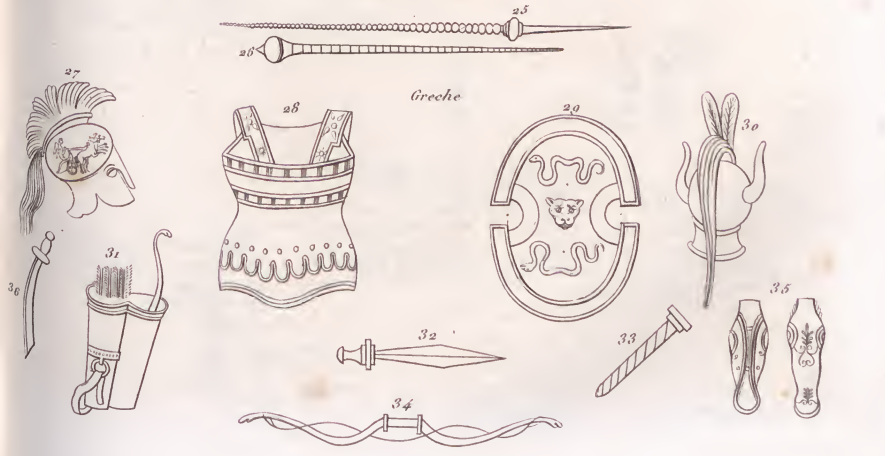
ARME ED ARMATURE ANTICHE

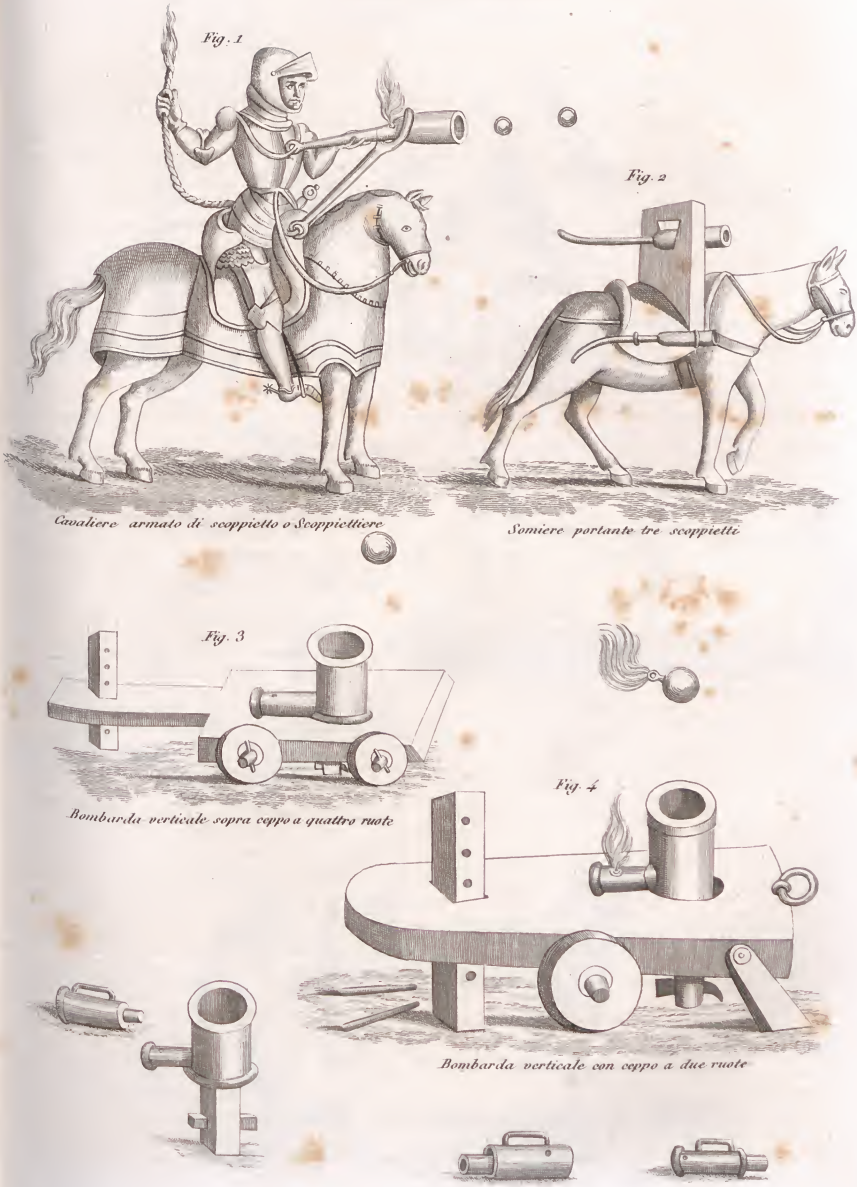
Greco-Egizie



Asiatiche

Greche



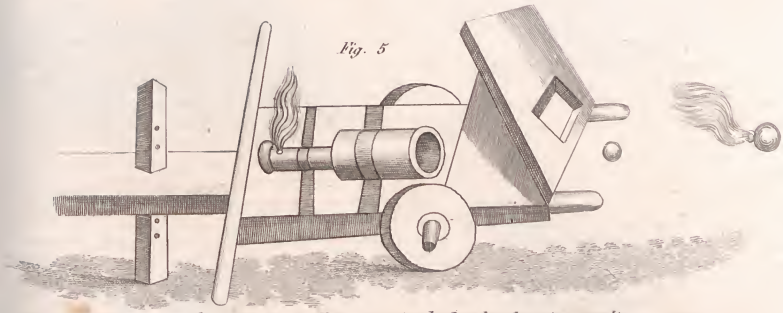


Cavaliere armato di scoppietto o Scoppiettiere

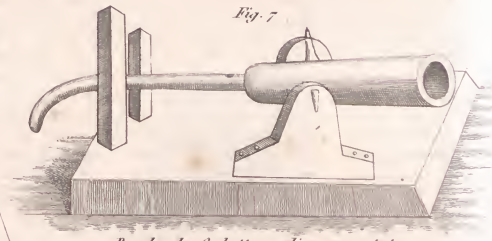
Somiere portante tre scoppietti

Bombarda verticale sopra ceppo a quattro ruote

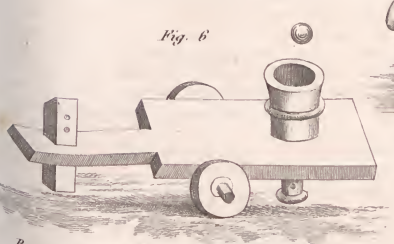
Bombarda verticale con ceppo a due ruote



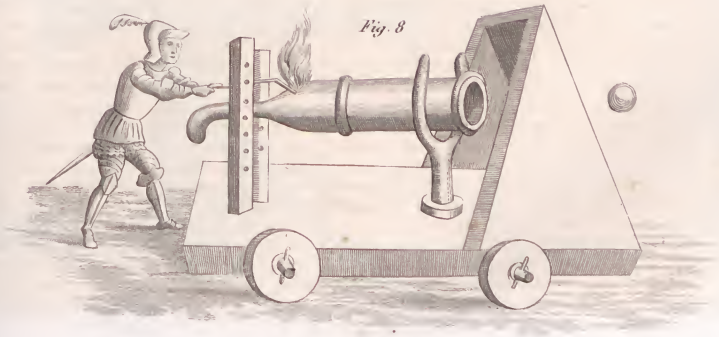
Carro con mantelletto per piccole bombarde orizzontali



Bombarda Cerbottana di gran portata



Bombardella per lanciare palle incendiarie



Cerbottana ambulatoria

ARTE MILITARE

CATAPULTE E CERBOTTANA

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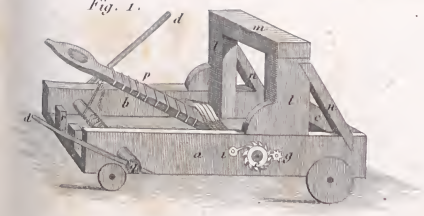


Fig. 2

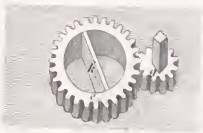


Fig. 3

Fig. 6

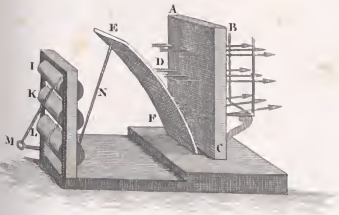


Fig. 4

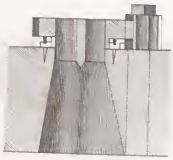


Fig. 5

Fig. 8

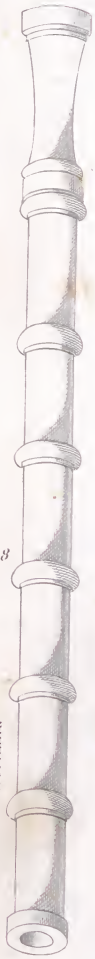
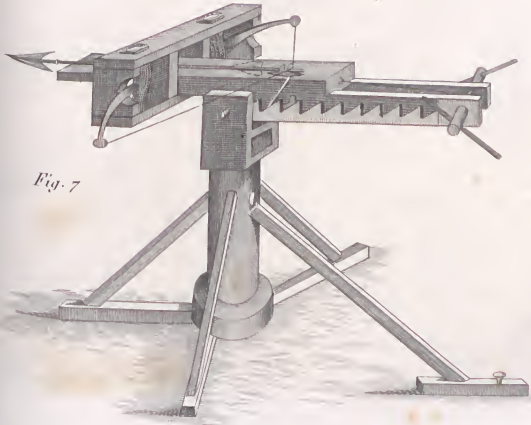


Fig. 7



ARTE MILITARE

SCUDI ANTICHI E DEI BASSI TEMPI

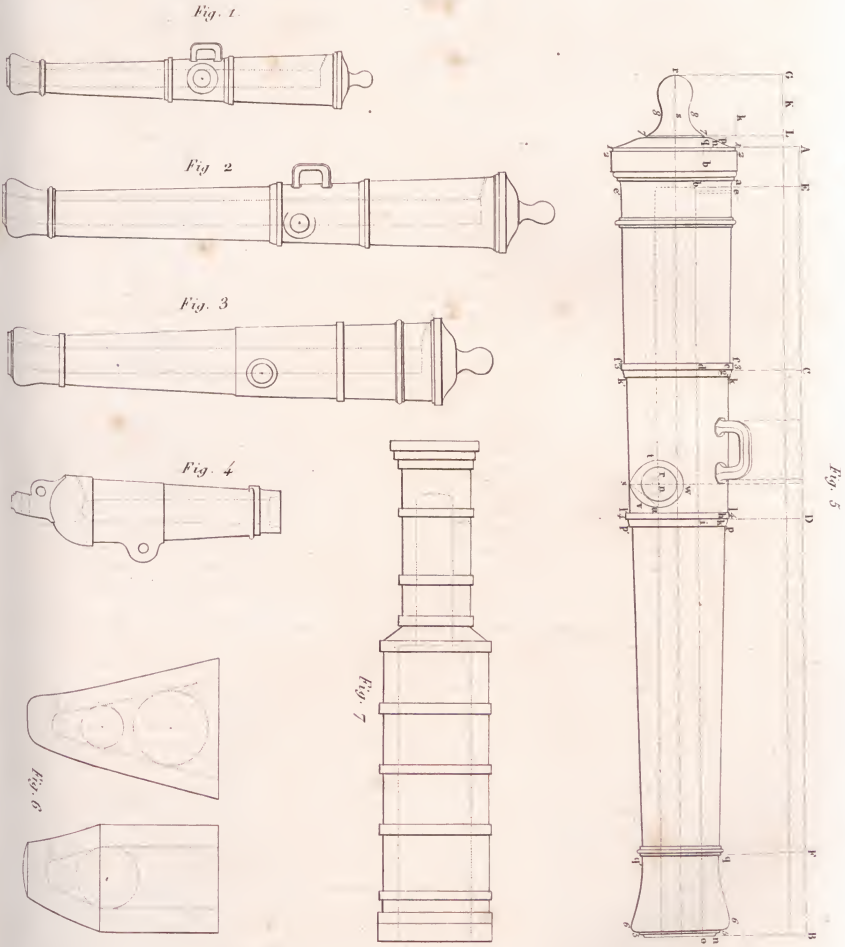


Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7

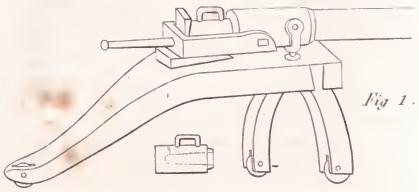


Fig 1.

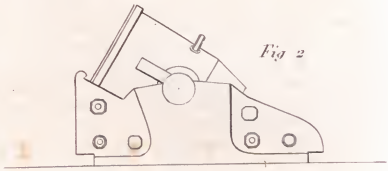


Fig 2

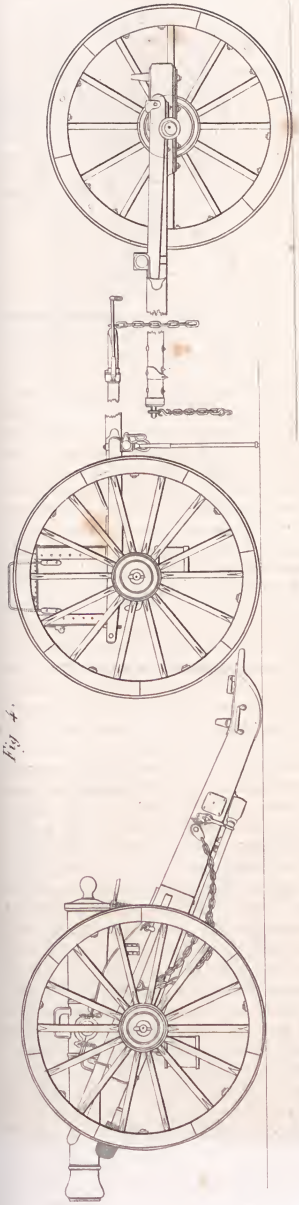
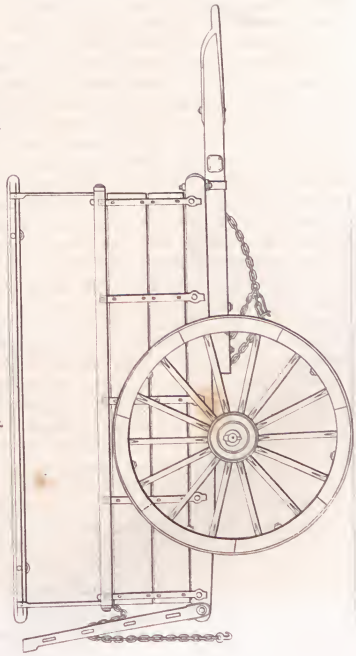


Fig 4.



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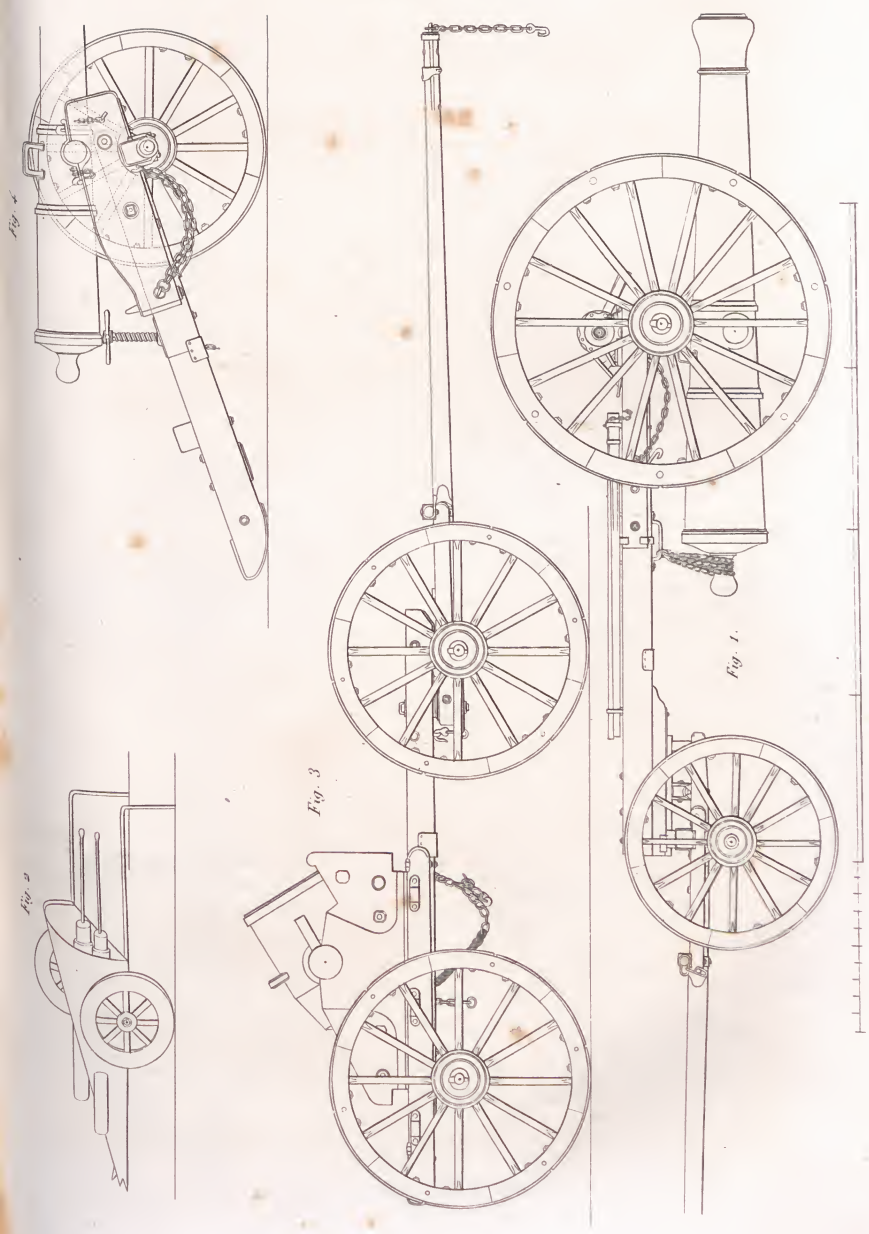


Fig. 4
Fig. 3
Fig. 1
Fig. 2

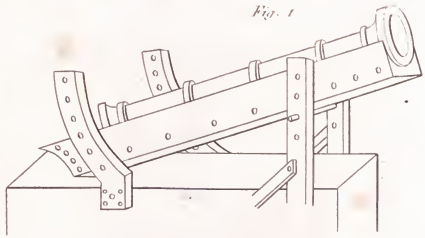
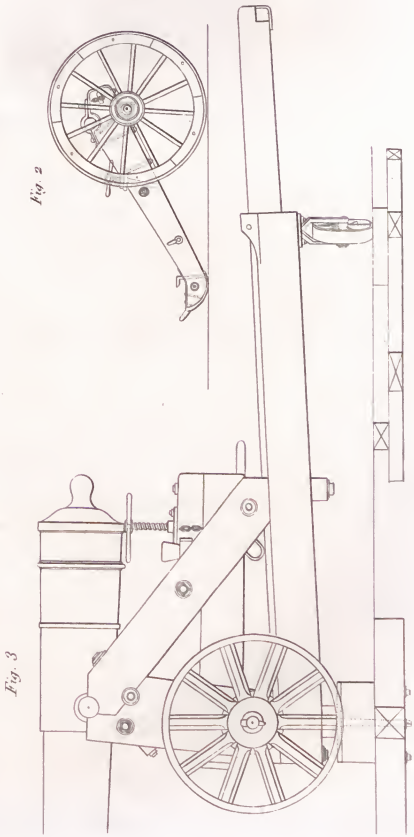


Fig. 1

Fig. 2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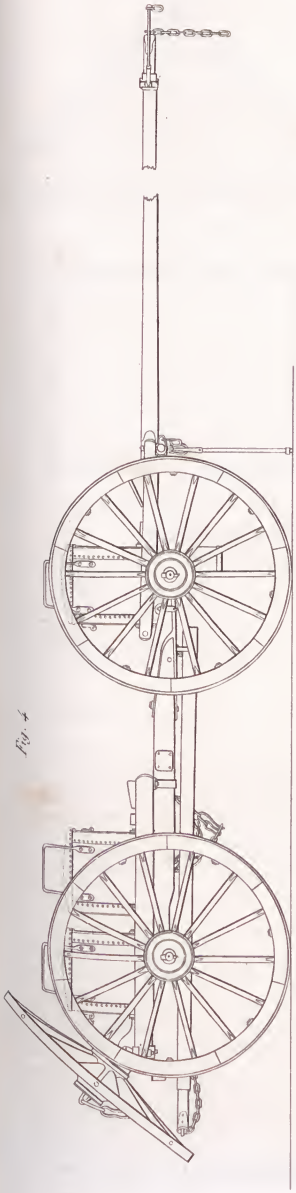


Fig. 4

CASTRAMETAZIONE

Alzata dal lato della porta

Fig.a 1.

Baracca per N.o 12 soldati

Fig.a 2. Pianta

Rastrelliera d'armi

Projezione verticale

Fig.a 7.

Sezione

Fig.a 8.

Cavaletto per le latrine

Sezione

Fig.a 4.

Casottoda sentinella

Alzata

Fig.a 5.

Pianta

Fig.a 6.

Sezione sulla linea a,b

Fig.a 3.

Scala di dieci metri

Dichiarazioni

a Ajutante maggiore
a Ajutante
b Ufficiale di Vestiario e d'Armi
B Capo di Battaglione
c Capitano
d Portabandiera
e Latrine pegli Ufficiali
f Chirurgo
g Latrine pei Soldati
h Tettoja del Posto avanzato della guardia di Polizia
i Rastrelliera del Posto avanzato
j Baracca pei Prigionieri
C Colonnello
L Luogotenente Colonnello
l Luogotenente e Sottotenente
m Banda militare
n Tamburino maggiore e mastro Tamb.o
o Operai
p Tettoja per la guardia di Polizia
q Tettoja per gli ufficiali di detta guardia
r Fascio d'Armi della guardia di Polizia
s Quartiermastro
t Tesoriere ed Ufficiale pagatore
u Fascio d'armi del picchetto
v Baracchiere
w Lavandaia
x Cavalli dei carri coperti
y Soldati del Treno
z Cavalli degli ufficiali
aa Linea delle cucine
bb Linea delle rastrelliere

Fig.a 9.

Campo di un Reggimento di 3 Battaglioni in prima linea

le Baracche sono per 16. uomini

4. Compagnie del 3.o Bat.o

2.do Battaglione

5. Compagnie del 1.o Bat.o

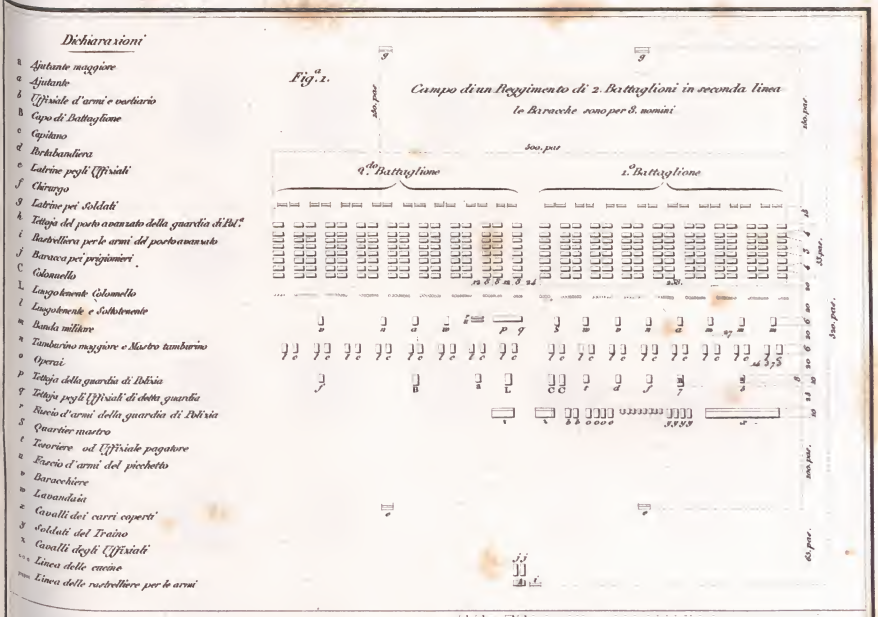
258 pas.

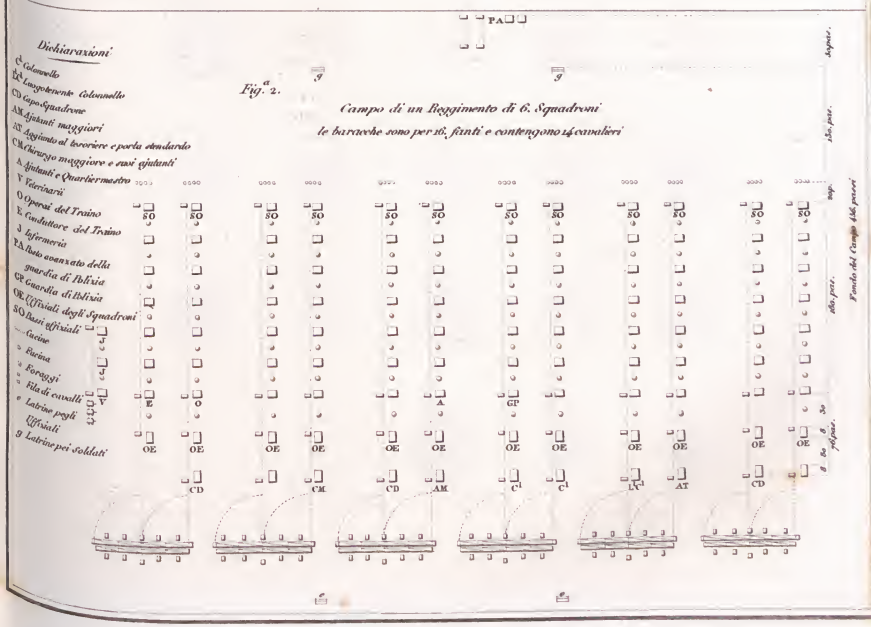
26 pas.

26 pas.

26

CASTRAMETAZIONE





ARTE MILITARE

COCCARDE DELLE PRINCIPALI POTENZE

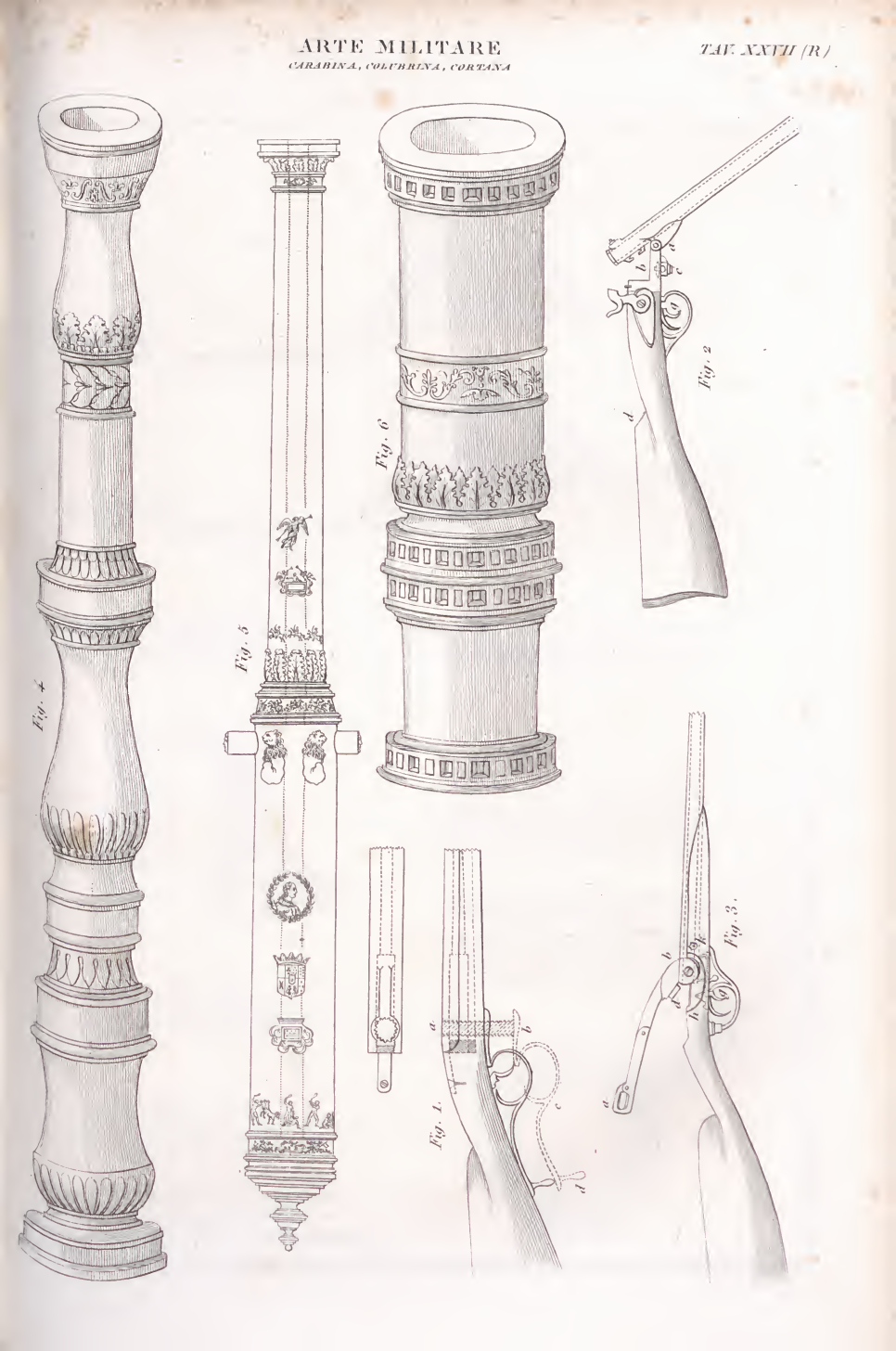
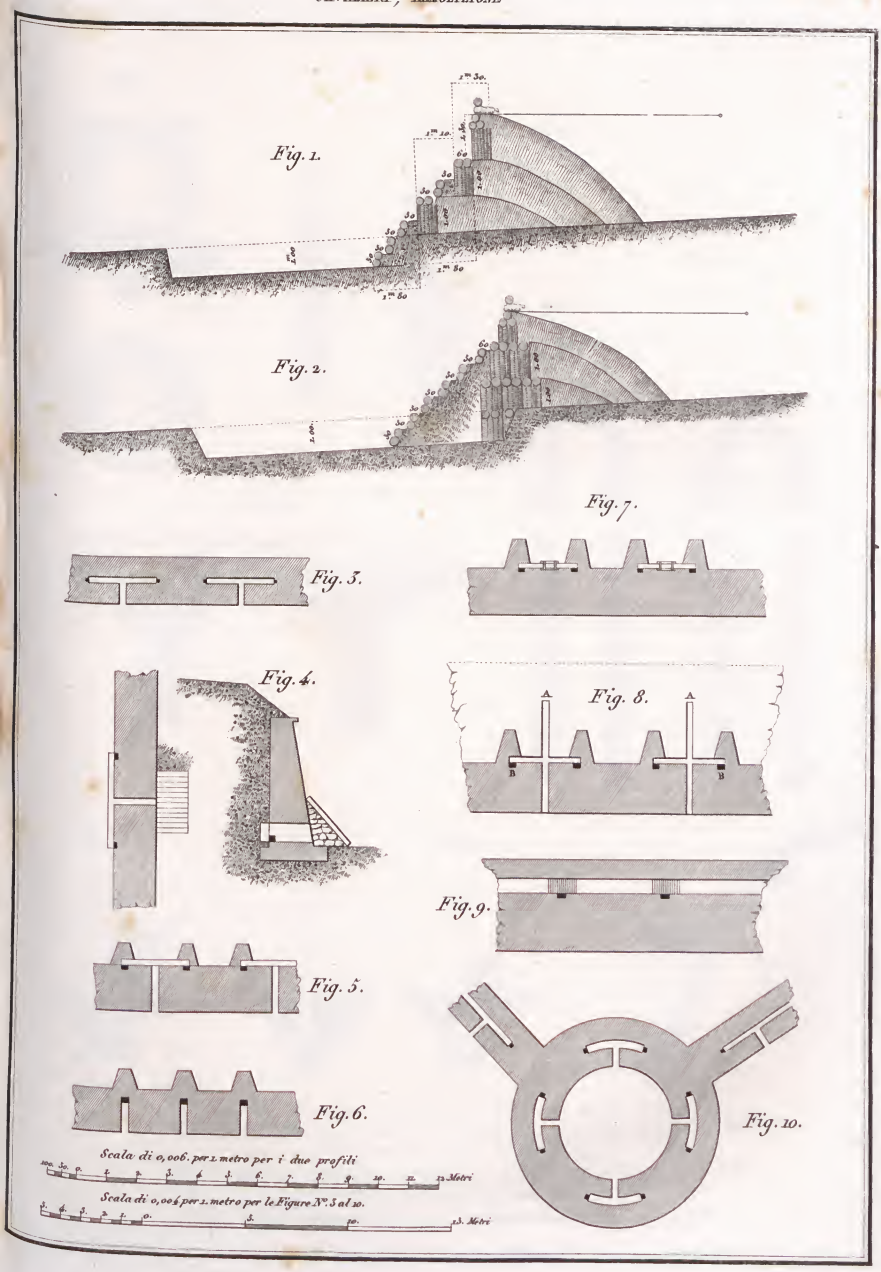
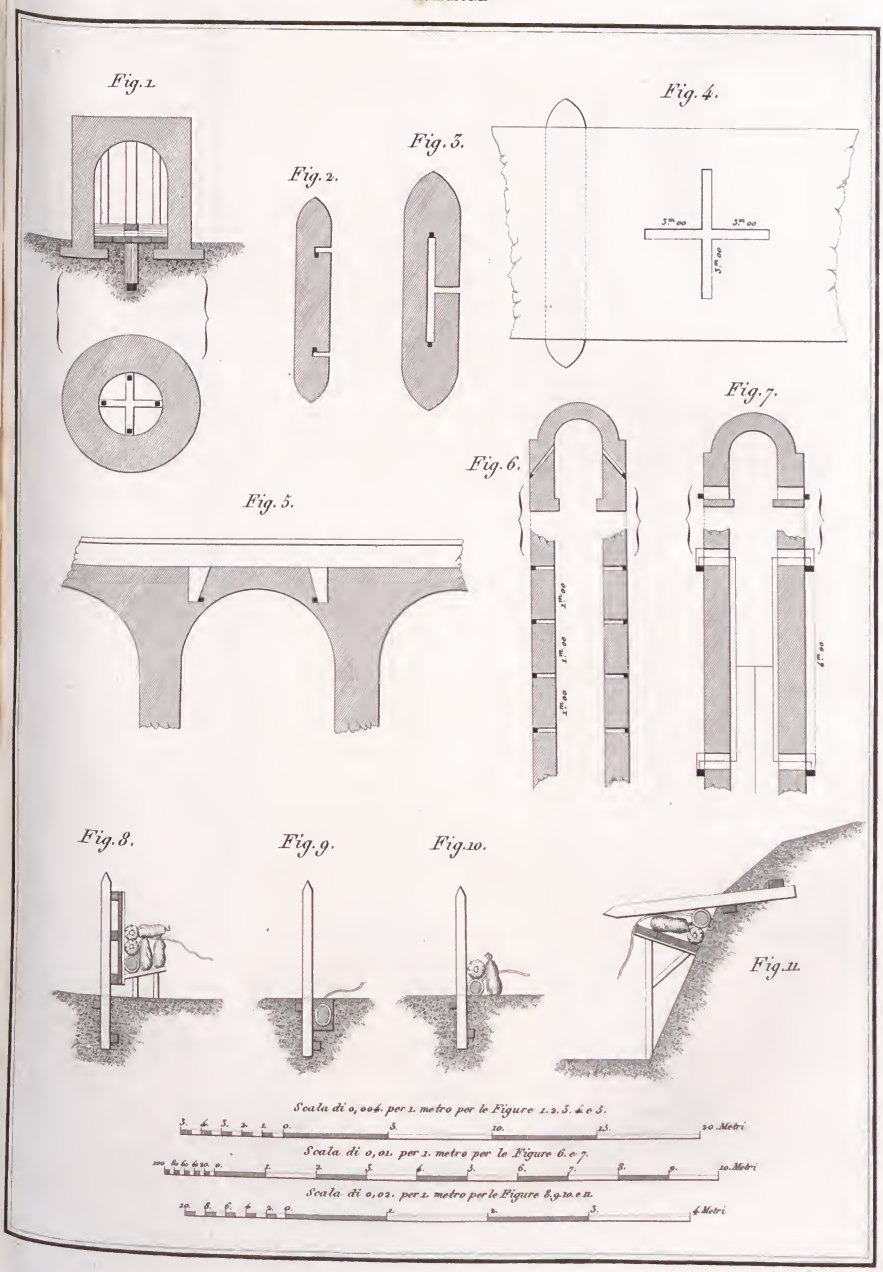


Fig. 4
Fig. 5
Fig. 6
Fig. 2
Fig. 1.
Fig. 3.

CAVALIERI, DEMOLIZIONE



DEMOLIZIONE



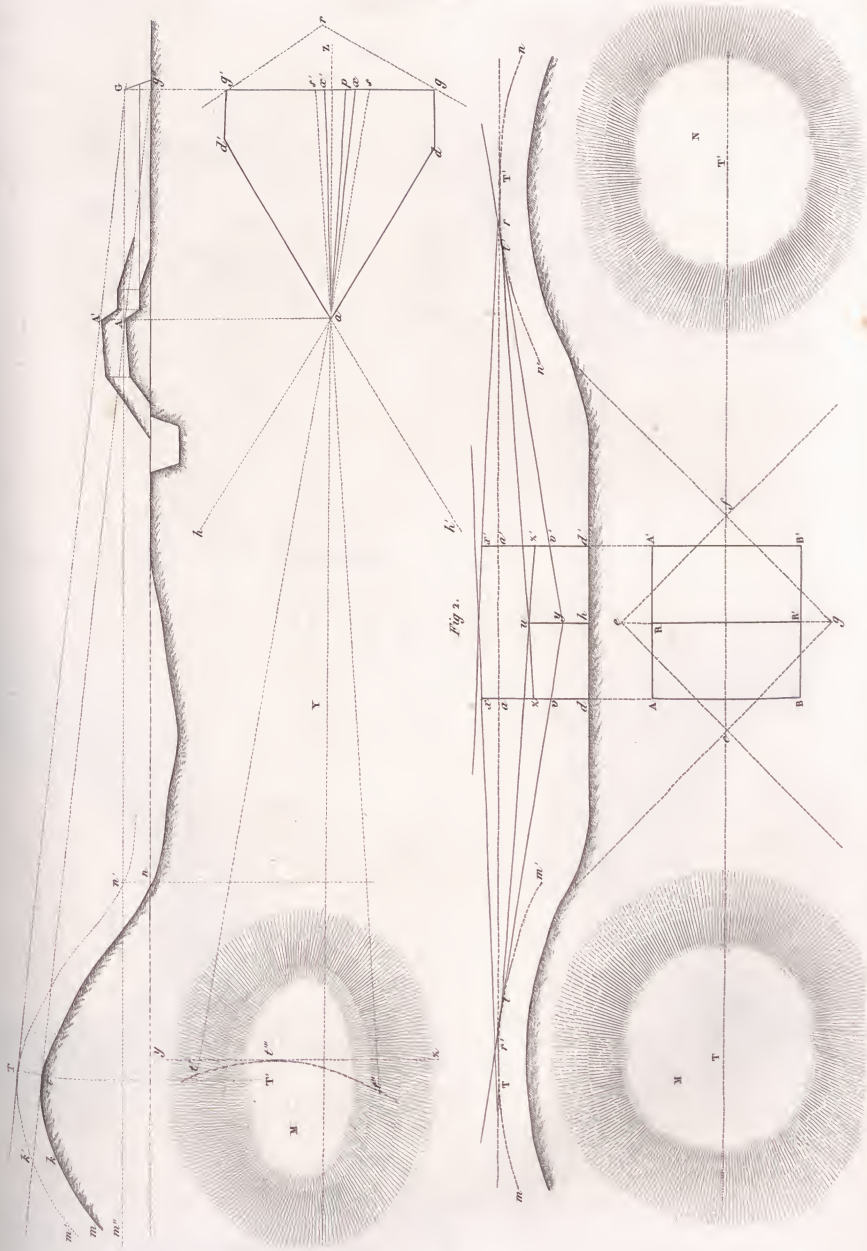
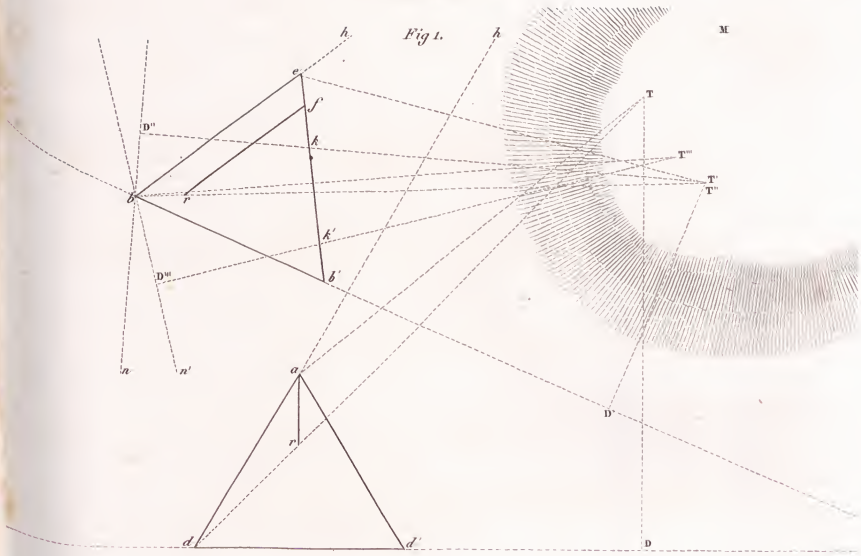
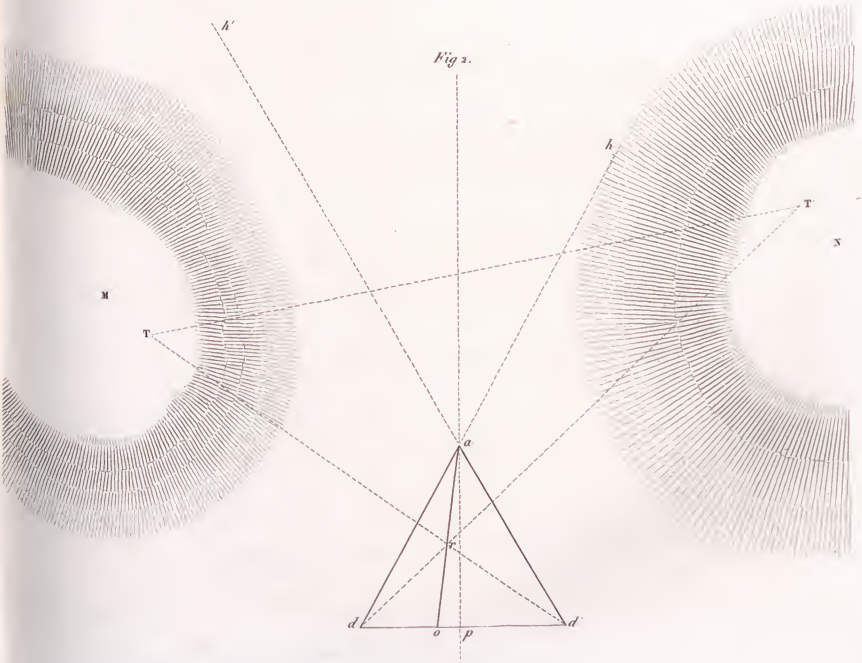


Fig. 1.
Fig. 2.

ARTE MILITARE

DIFFILAMENTO





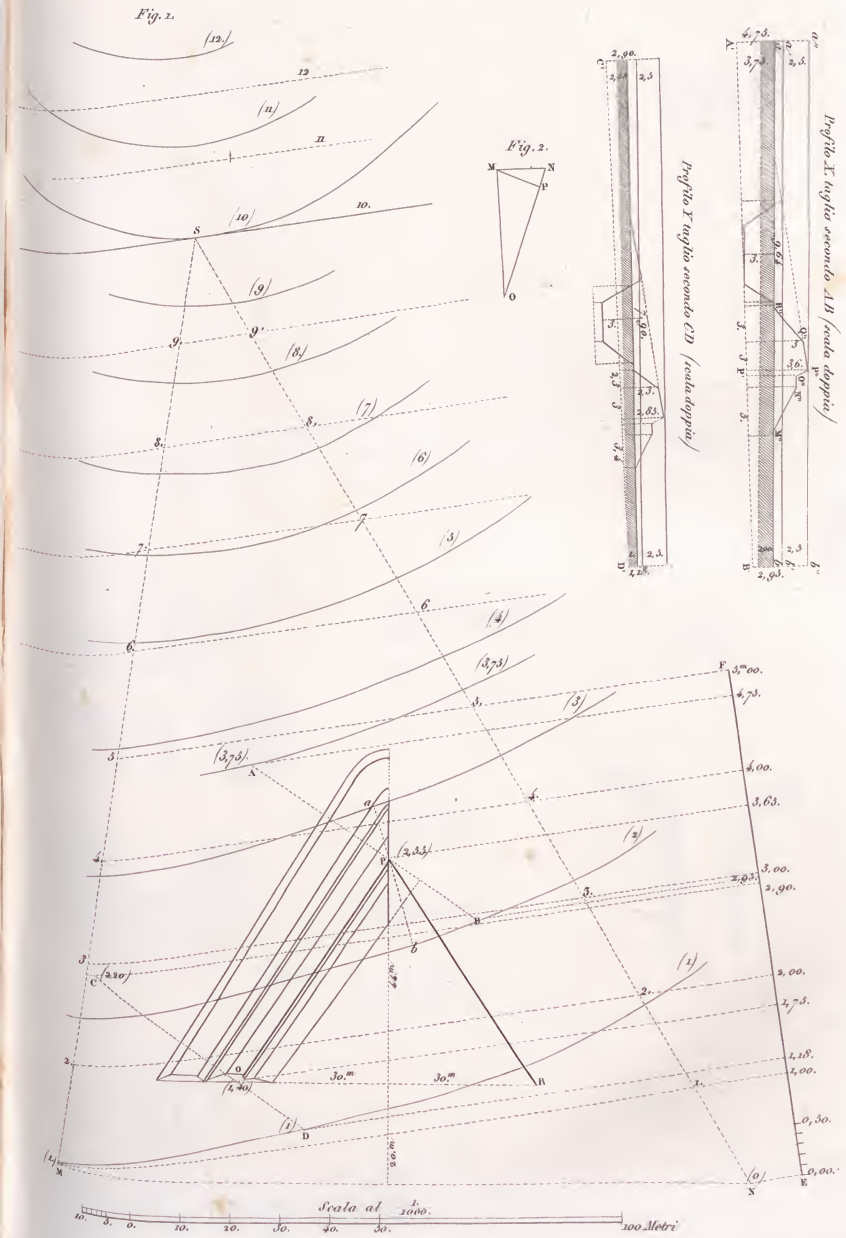
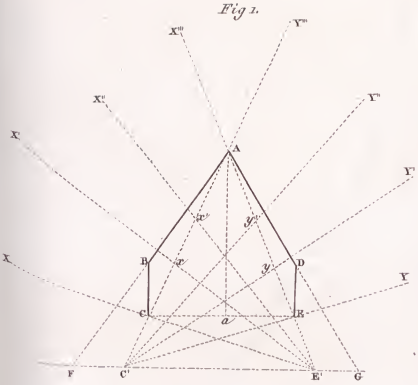


Fig. 1.
Fig. 2.
Profilo X taglio secondo CD (scala doppia)
Profilo X taglio secondo AB (scala doppia)
Scala al 1/1000.
100 Metri

ARTE MILITARE

DIFFILAMENTO

Fig 1.



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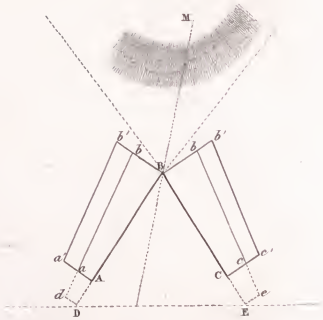


Profilo P preso sulla linea FG

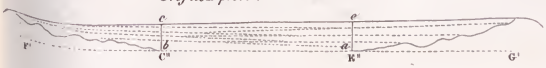


Fig. 3.

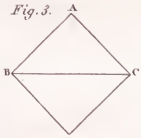


Fig. 4

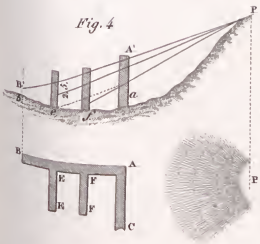


Fig. 6.

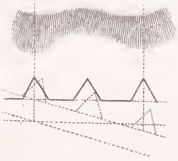


Fig. 7

Fig. 5

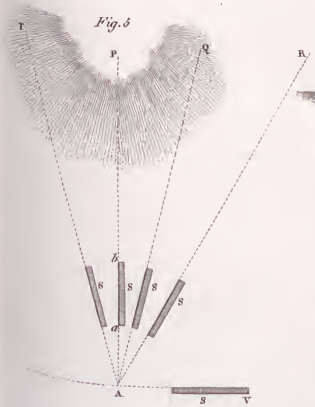


Fig. 8.

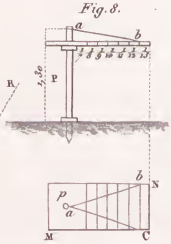


Fig. 9

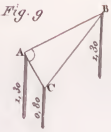
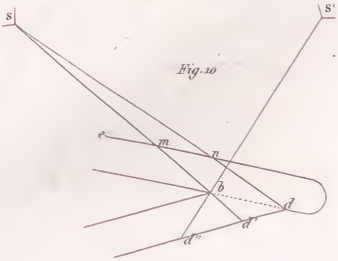
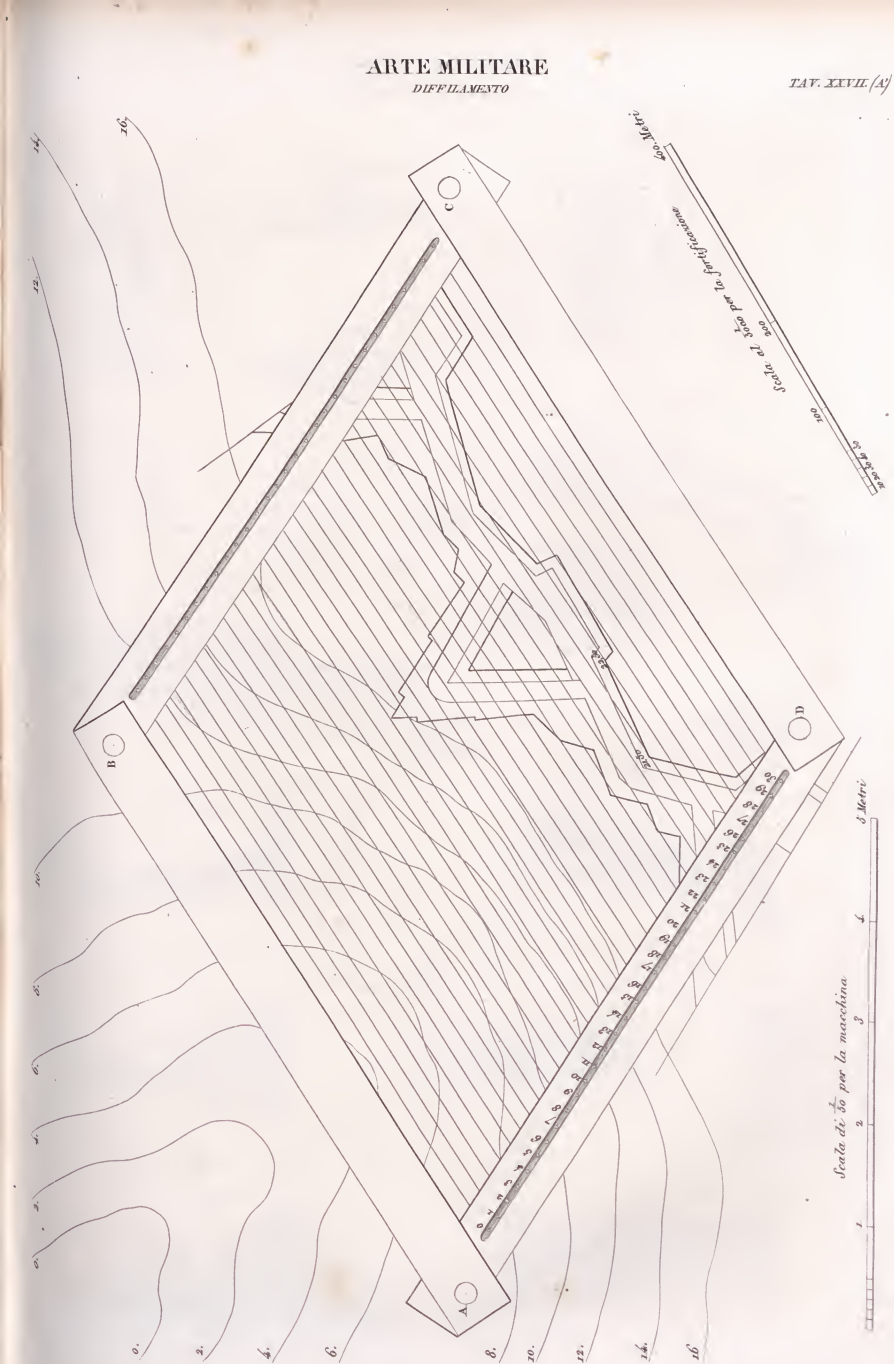


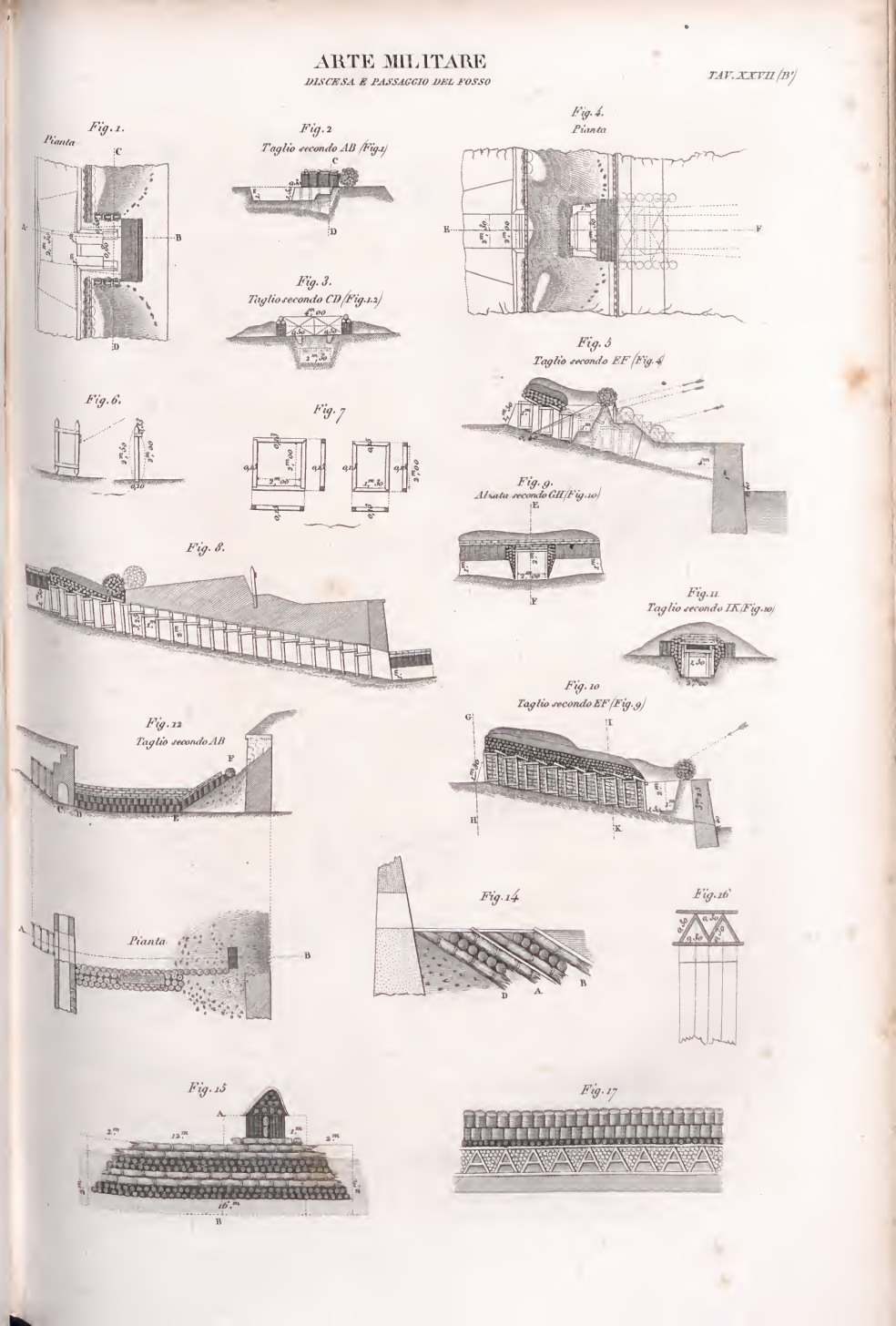
Fig. 10




Scala di 1/300 per la macchina
Scala di 1/300 per l'epipirigrafia
A
B
C
D
0.
2.
4.
6.
8.
10.
12.
14.
16.

ARTE MILITARE

DISCESA E PASSAGGIO DEL FOSSO



ASTRONOMIA

STRUMENTI

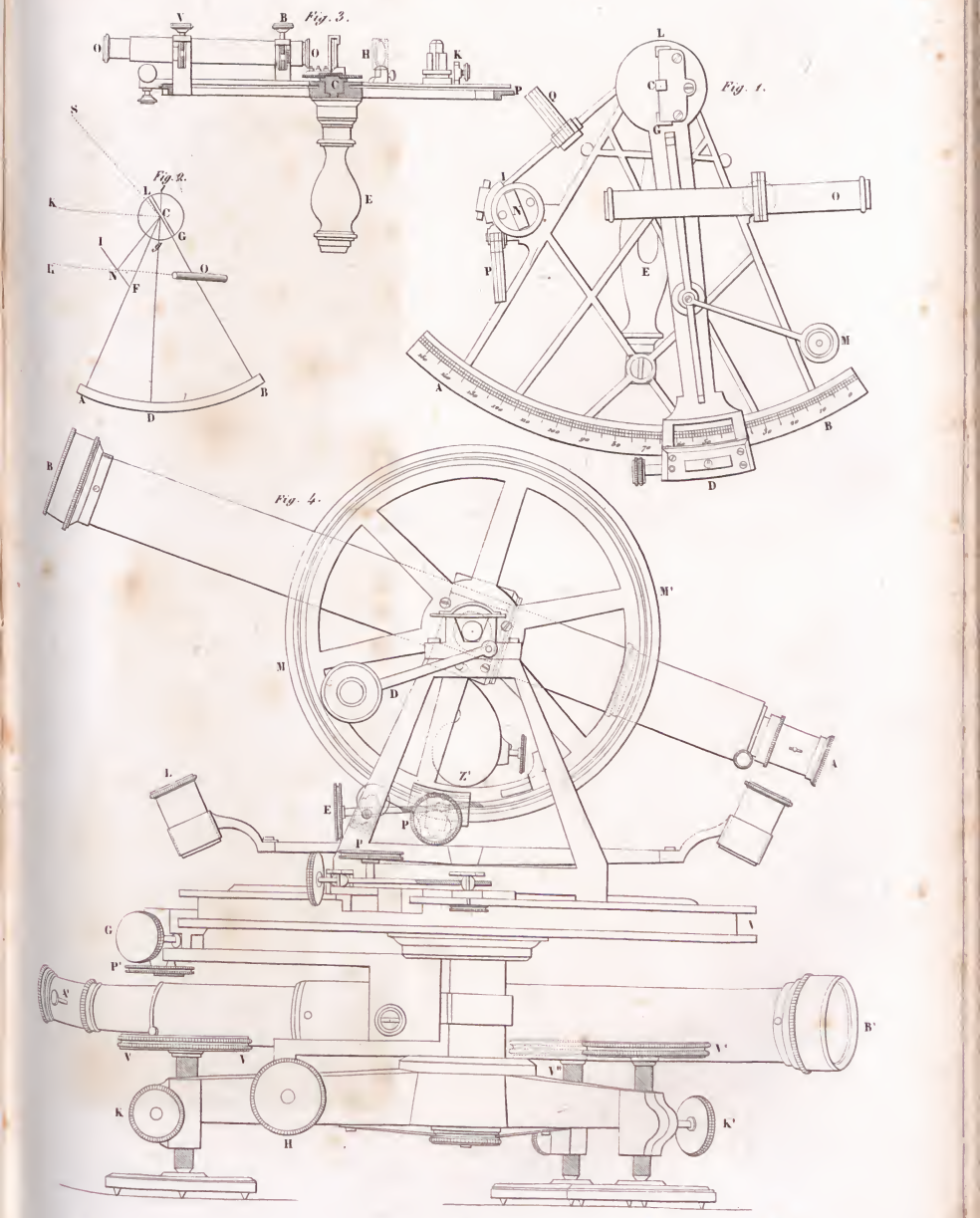


Fig. 1.

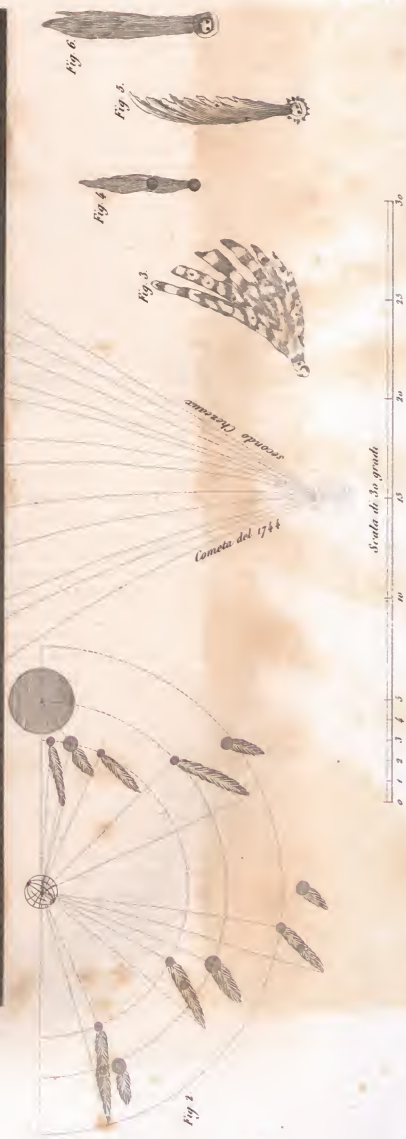
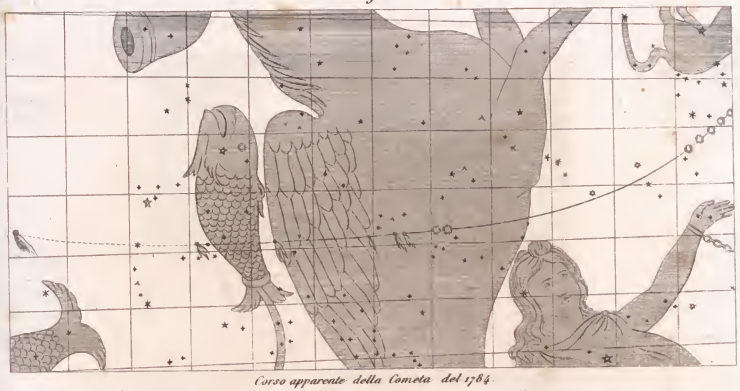


Fig. 7.
Fig. 6.
Fig. 5.
Fig. 4.
Fig. 3.
Cometa del 1744
Scala di 30 gradi
0 1 2 3 4 5 10 15 20 25 30
Fig. 2.

ASTRONOMIA

COMETE E PIANETI

Fig. 8



Corso apparente della Cometa del 1784.

Fig. 9.

Fig. 10.

Fig. 11.

Fig. 12.

Fig. 13.

Fig. 14.

Fig. 15.

Fig. 16.

Fig. 17.

Fig. 18.

Fig. 19.

Fig. 20.

Fig. 21.

Fig. 22.

Fig. 23.

Fig. 24.

Fig. 25.

Fig. 26.

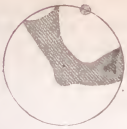
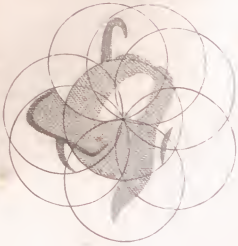


Fig. 27.

Fig. 28.

Fig. 29.

Fig. 30.



ASTRONOMIA

GIOVE - SATURNO - LORO SATELLITI

Fig. 31

Fig. 37

Fig. 33

Fig. 32

Fig. 34

Fig. 36

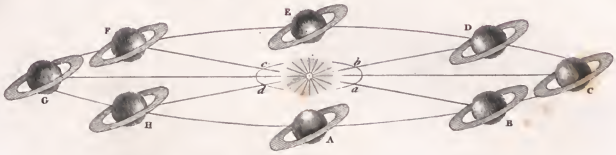
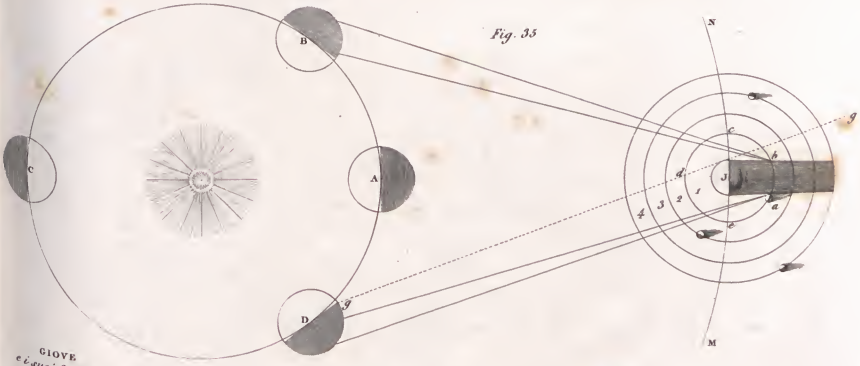


Fig. 35



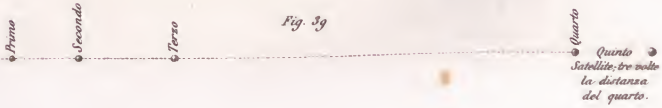
GIOVE
e i suoi Satelliti

Fig. 38

Fig. 38 (bis)

SATURNO
e i suoi Satelliti

Fig. 39

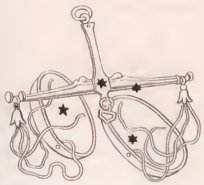


Emisfero Boreale

Fig. 40

Emisfero Australe

Fig. 41.



Nomi delle montagne e dei mari

1. Grimaldus
2. Galileus
3. Aristarchus
4. Keplerus
5. Cassendus
6. Schikardus
7. Harpalus
8. Heraclides
9. Lansbergius
10. Reinoldus
11. Copernicus
12. Helicon
13. Capuanus
14. Bulialdus
15. Eratosthenes
16. Timocharis
17. Plato
18. Archimedes
19. Insula sinus medii
20. Pitatus
21. Tycho
22. Eudoxus
23. Aristoteles
24. Manilius

Fig. 42

25. Menelaus
26. Hermes
27. Possidonius
28. Dionisius
29. Plinius
30. Catharina, Cyrillus, Theophilus
31. Fracastorius
32. Promontorium, acutum, Censorinus
33. Messala
34. Promontorium Somnii
35. Proclus
36. Cleomedes
37. Snellius et Punerius
38. Petavius
39. Langrenus
40. Taruntius
A. Mare Humorum
B. Mare Nubium
C. Mare Imbrium
D. Mare Nectaris
E. Mare Tranquillitatis
F. Mare Serenitatis
G. Mare Fœcunditatis
H. Mare Crisium

ASTRONOMIA

ECCLISSI - FASI - SISTEMI

Fig. 43.

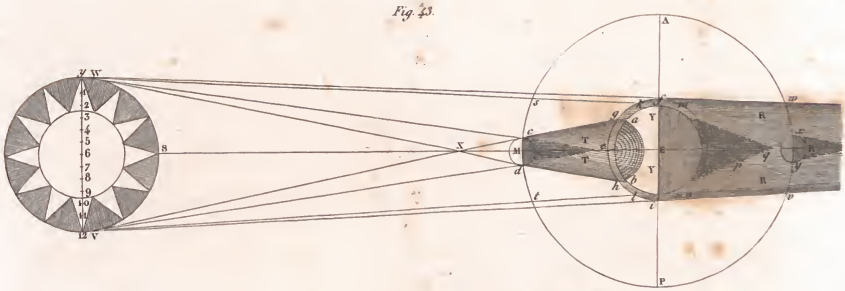
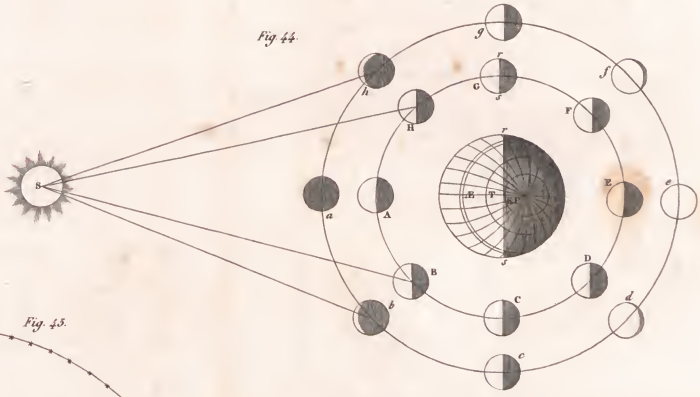


Fig 44.



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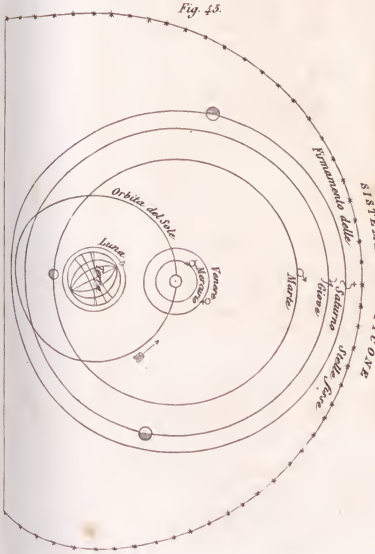
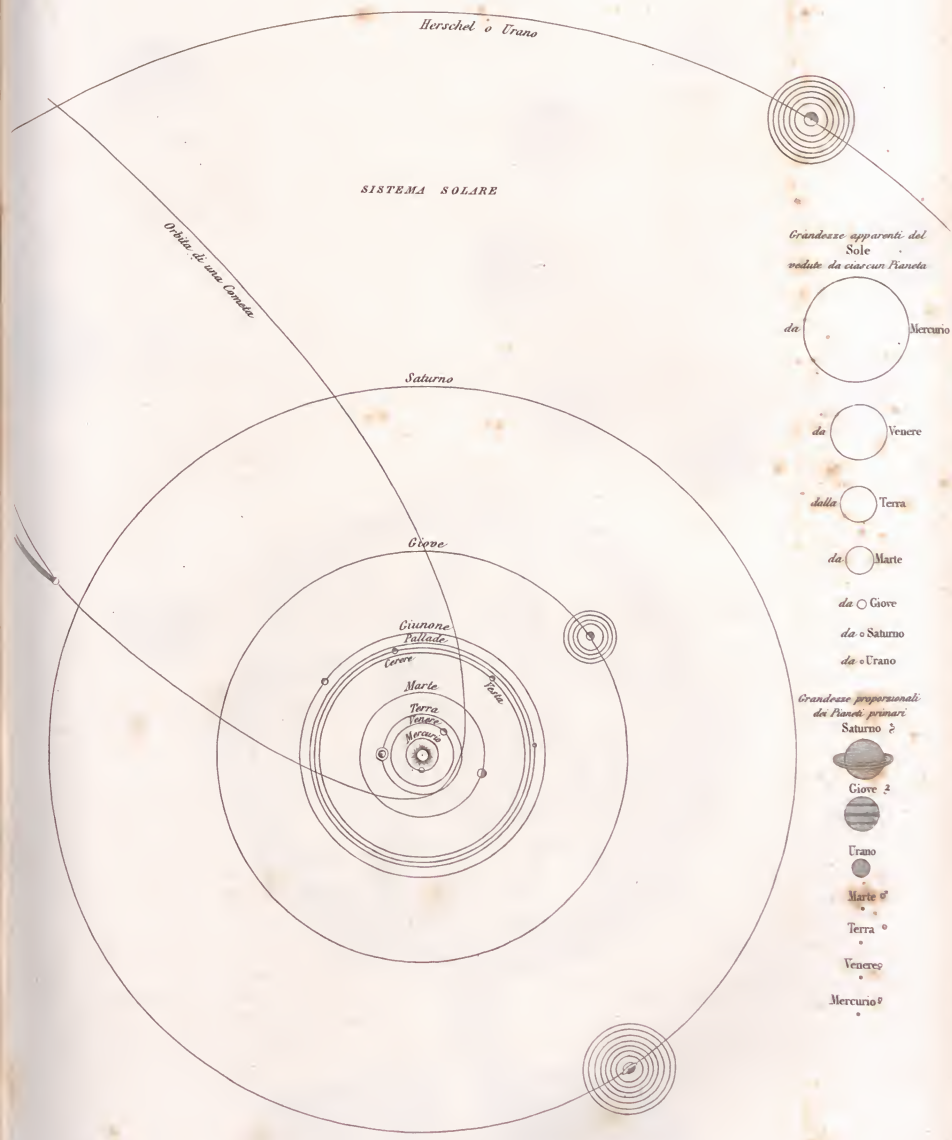


SISTEMA DI TOLOMEO Fig. 46.

ASTRONOMIA

SISTEMA SOLARE

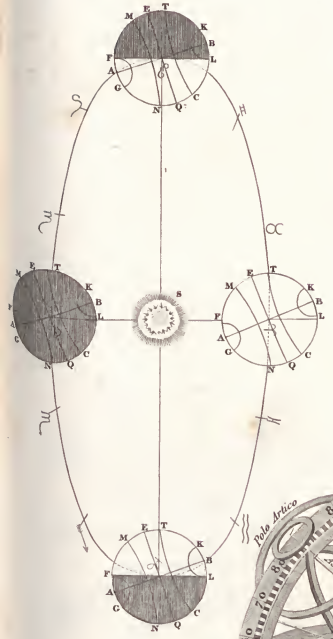
Fig. 47.



ASTRONOMIA

SFERA ARMILLARE – ROTAZIONE DELLA TERRA

Fig. 48.



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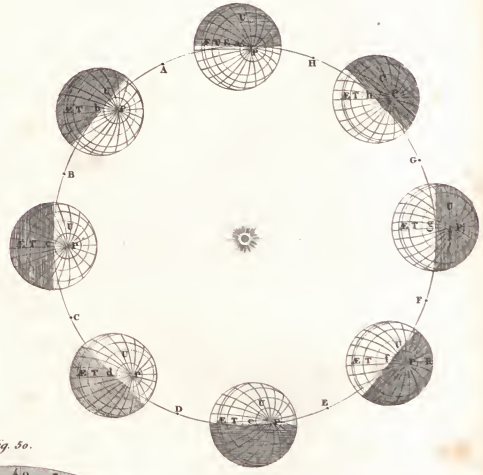

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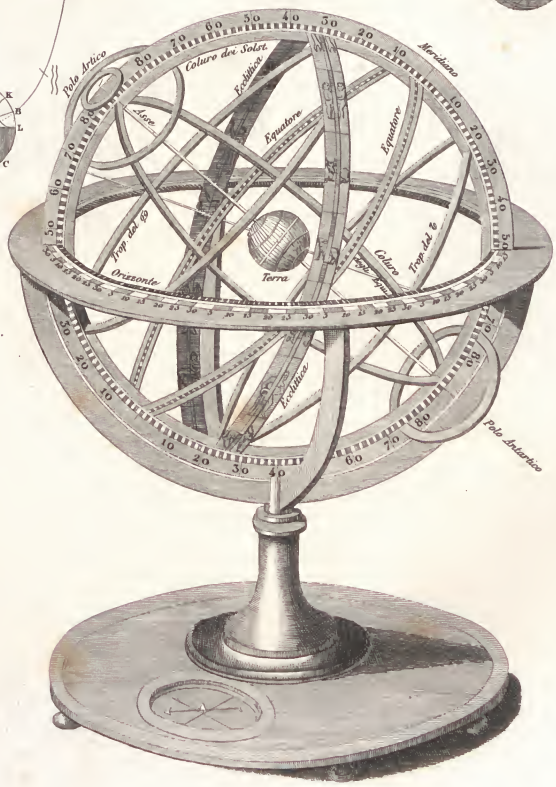

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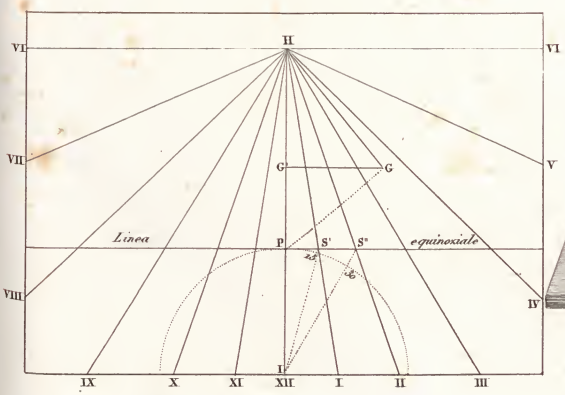

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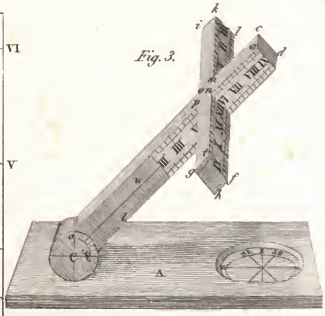


Fig. 7

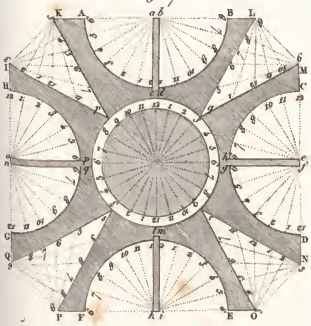


Fig. 5.

Fig. 6.

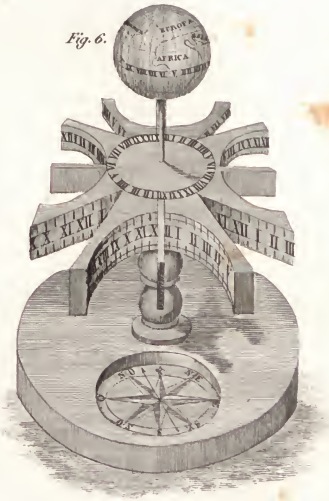


Fig. 2

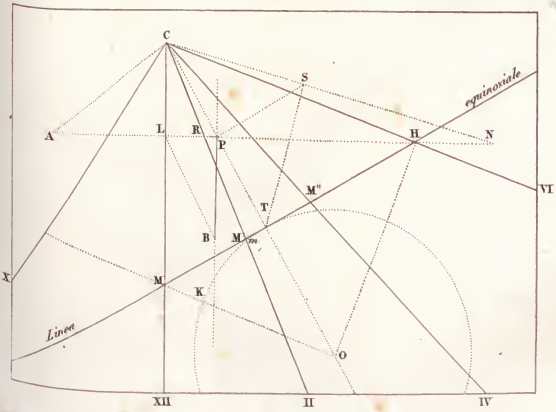
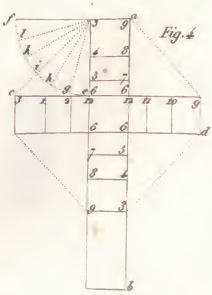
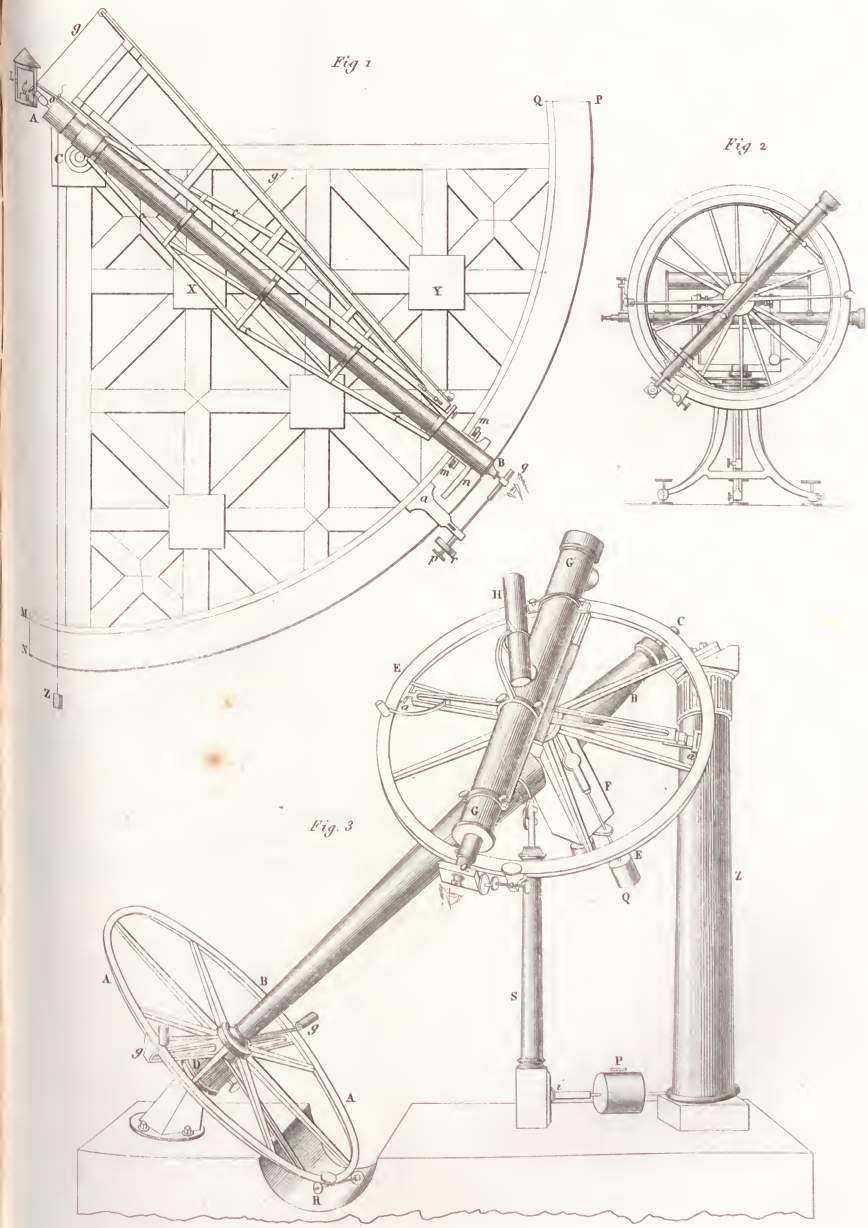


Fig. 4



STRUMENTI



STRUMENTI

Fig 1

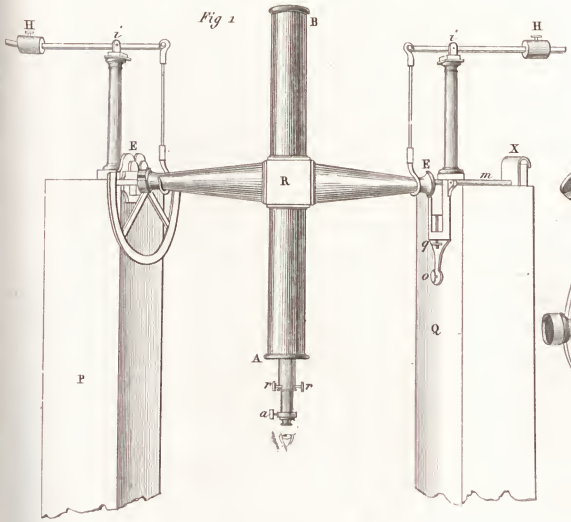


Fig 2

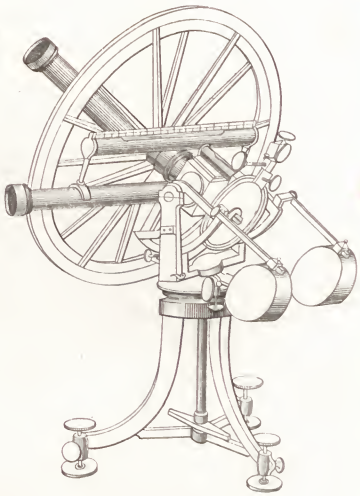


Fig. 3

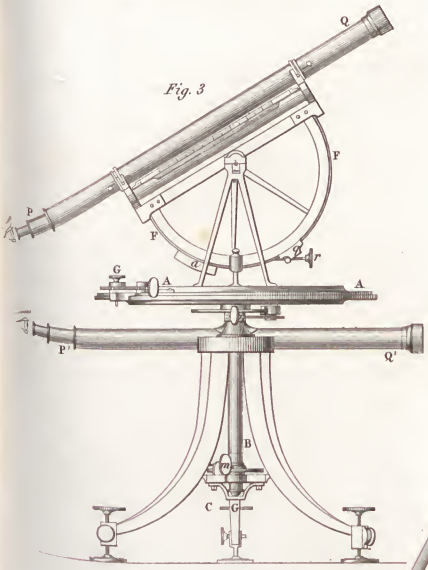
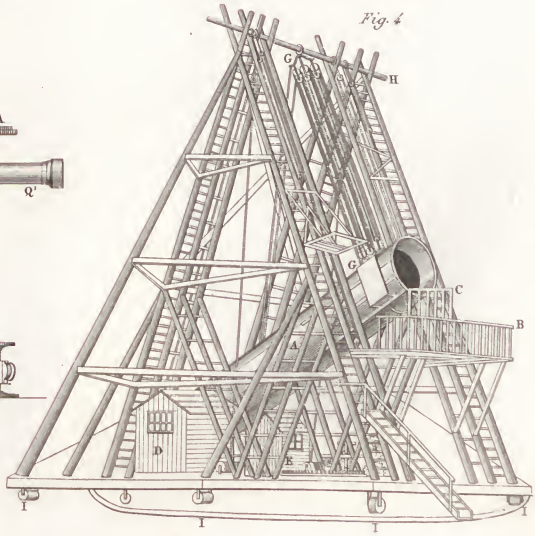


Fig. 4



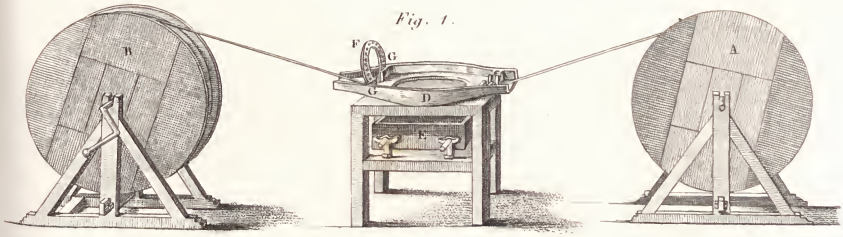
AURORE BOREALI
(FISICA)

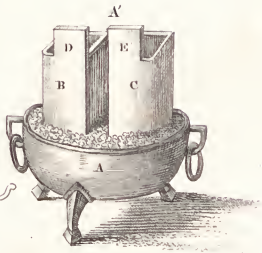
Fig. 1.

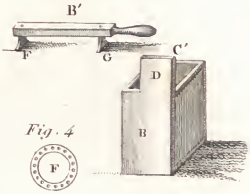
Fig. 2.

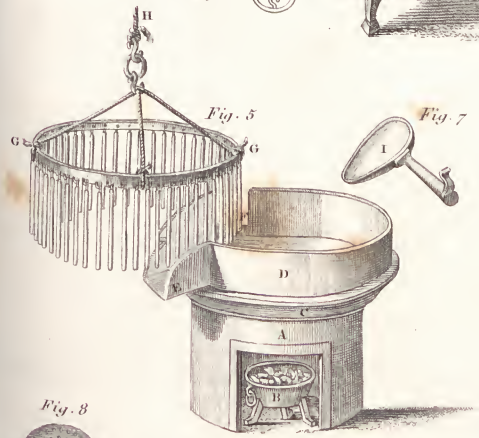
AURORE BOREALI
(FISICA)

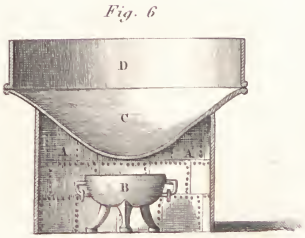
CANDELE DI CERA E CERALACCA

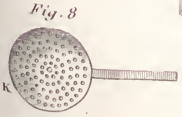


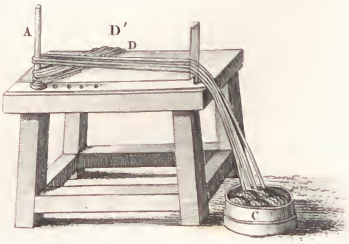


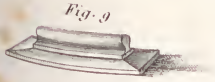












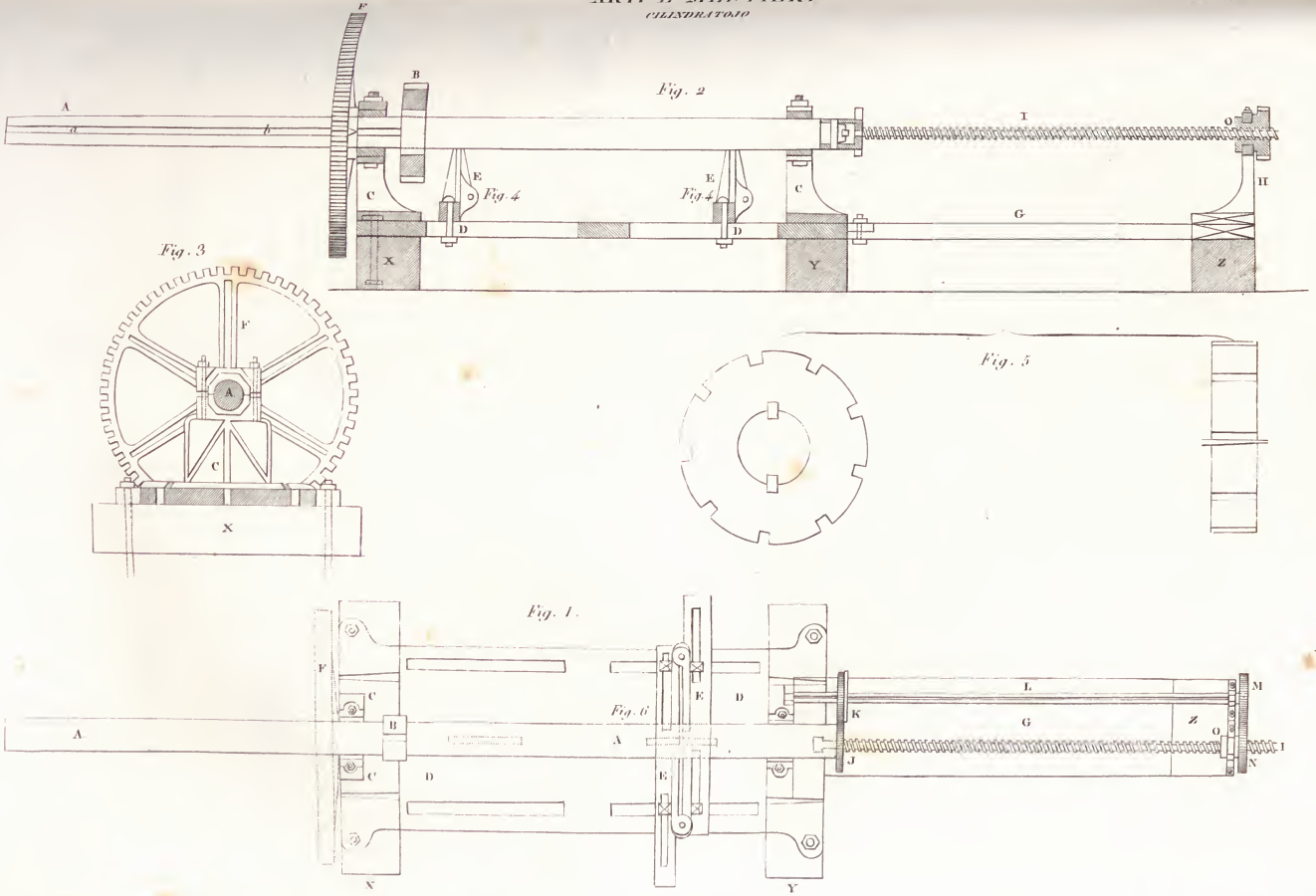


Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 1
Fig. 6
A
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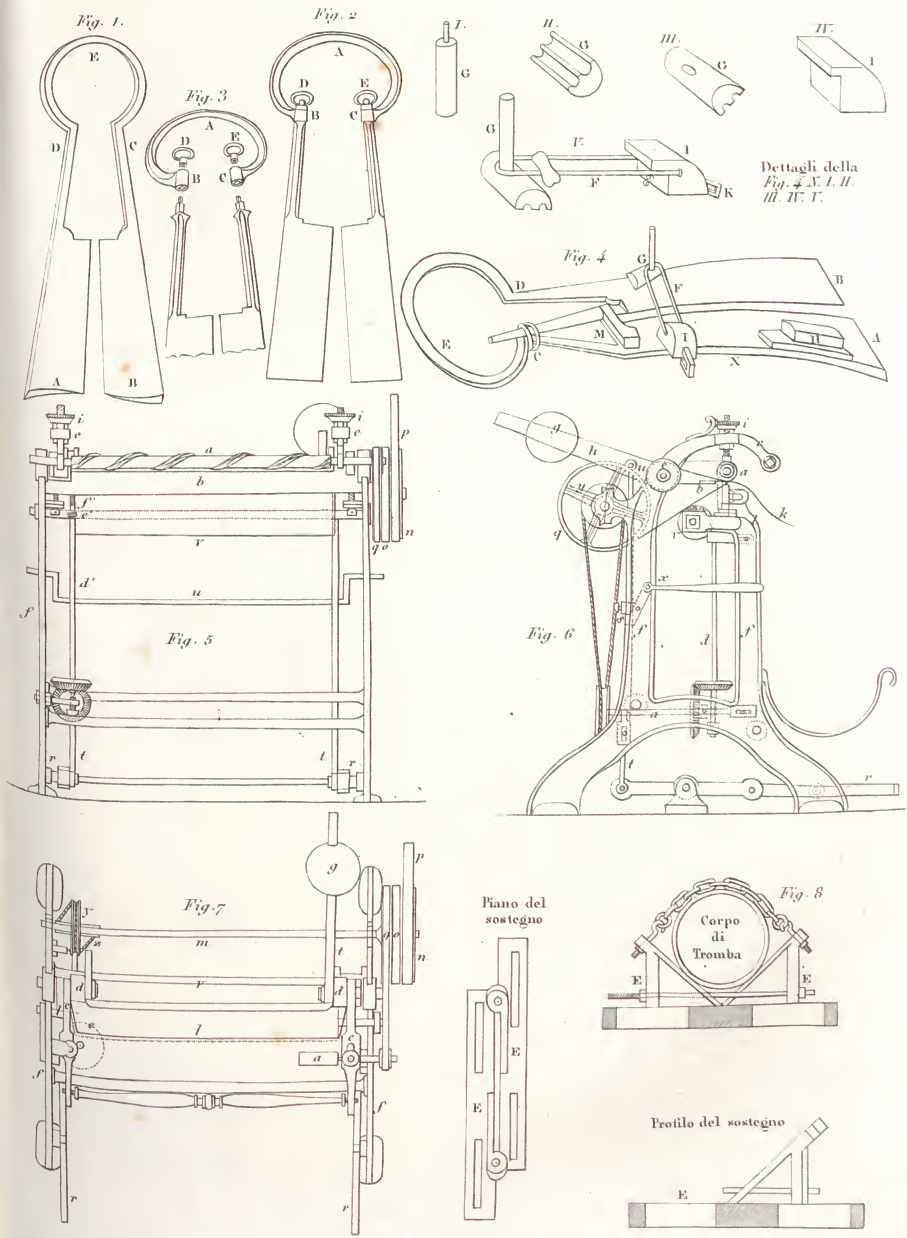
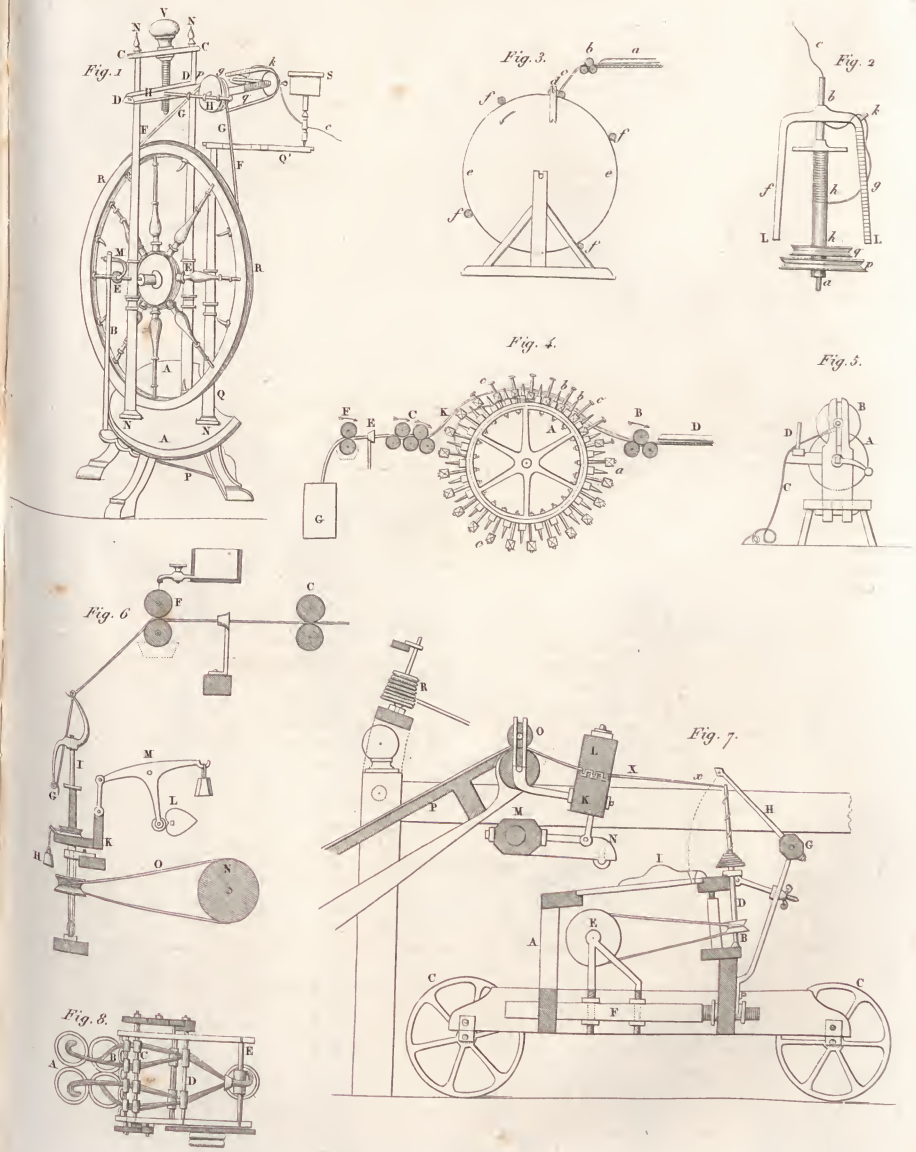


Fig. 1.
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7
Fig. 8
Dettagli della Fig. 4 N. I. II. III. IV. V.
Piano del sostegno
Corpo di Tromba
Profilo del sostegno

FILATURA



FILATURA.

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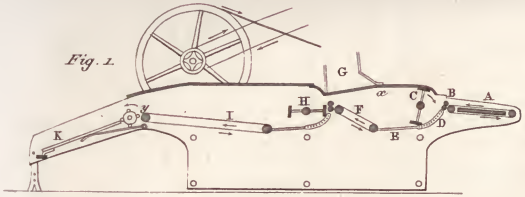

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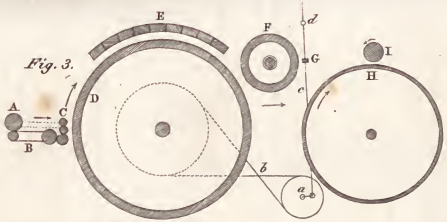

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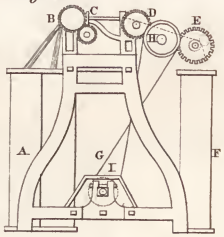
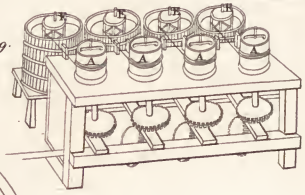


Fig. 2.

Fig. 9.



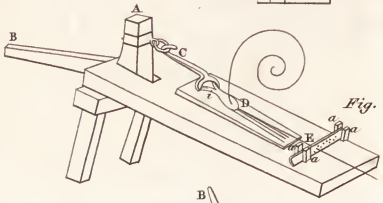
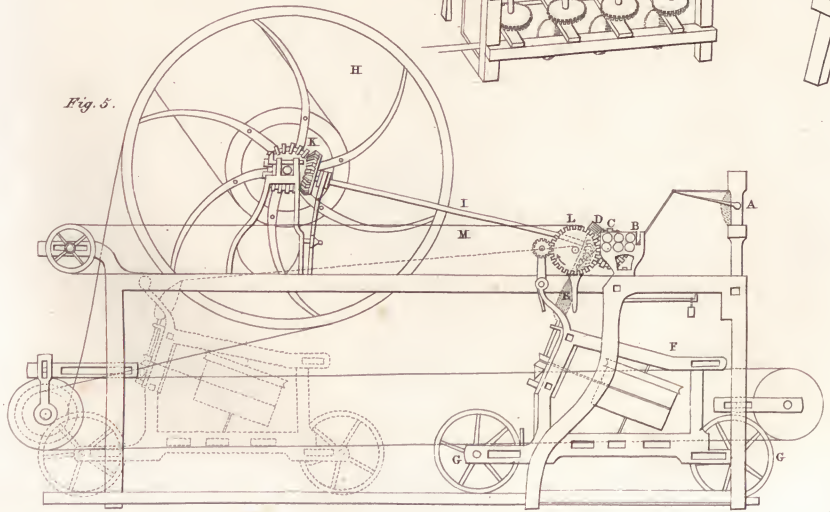


Fig. 6.

Fig. 5.



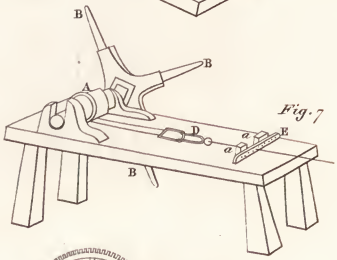


Fig. 7

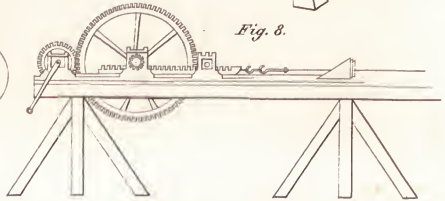


Fig. 8.

FRULLONE, FUCINA, TRAFILA

Fig. 1.

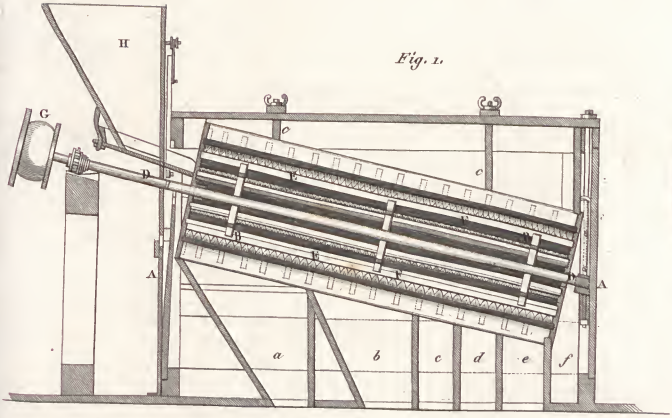


Fig. 2

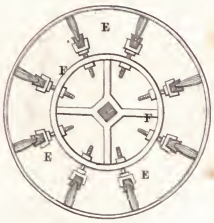


Fig. 3.

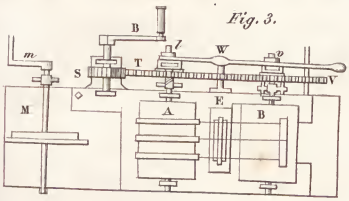
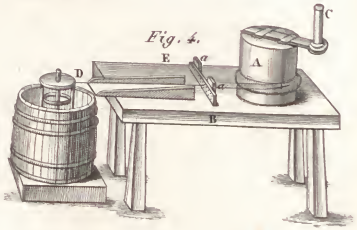


Fig. 4.



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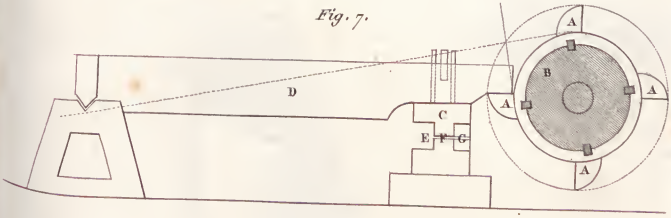

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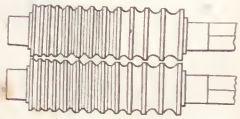

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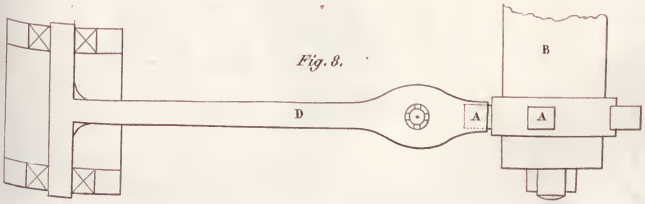
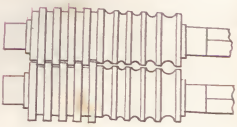


Fig. 6.



Avico inc.

GETTO

Fig. 1.

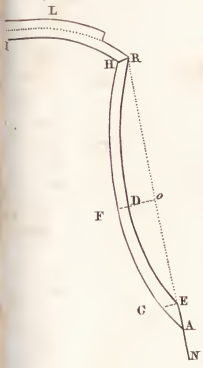


Fig. 2

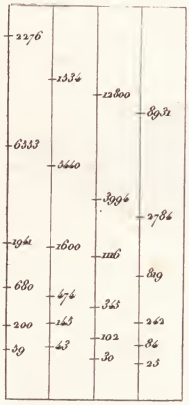


Fig. 3

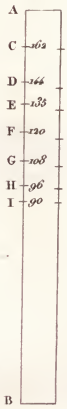


Fig. 6

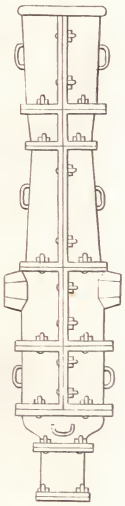


Fig. 4

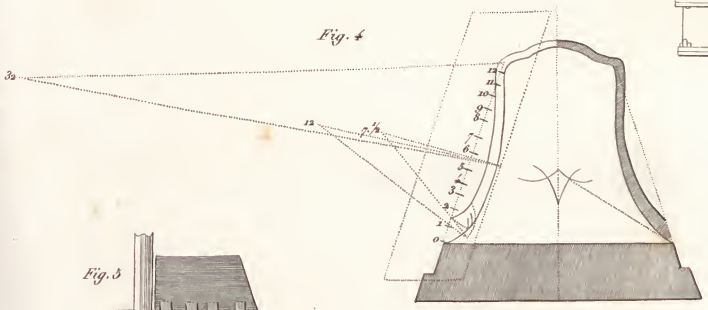


Fig. 5

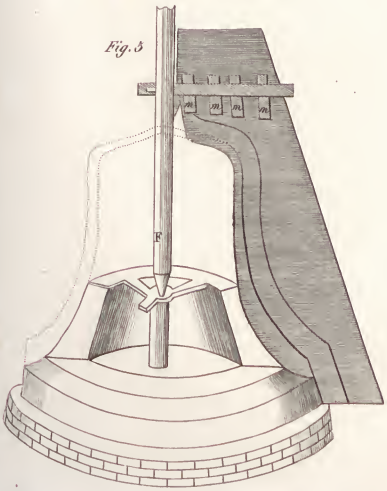
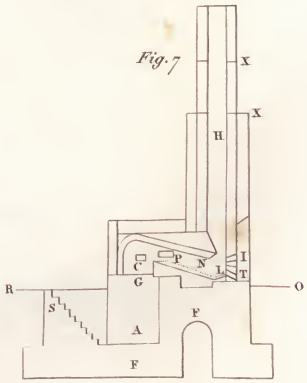


Fig. 7



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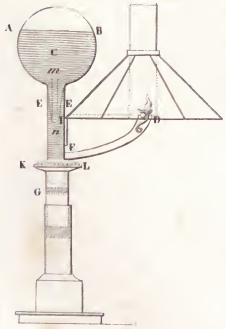

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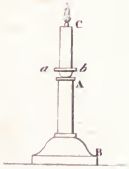

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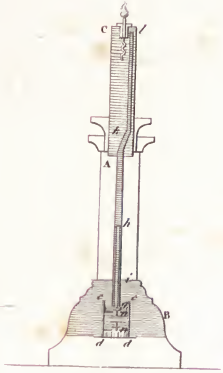
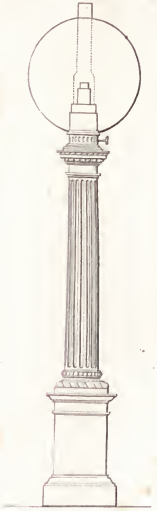


Fig. 10.



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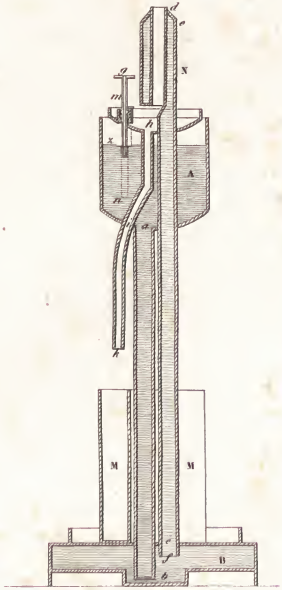

NB. La Figura 12 è nella Tav. V Supplemento

MAGLIA

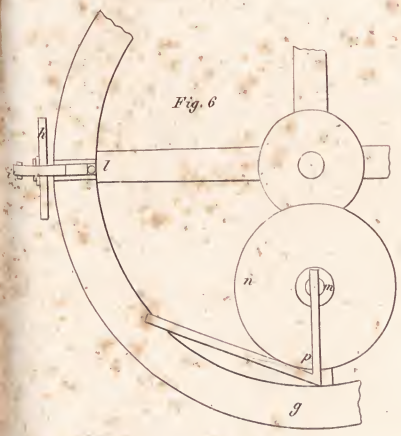
Fig. 6
h
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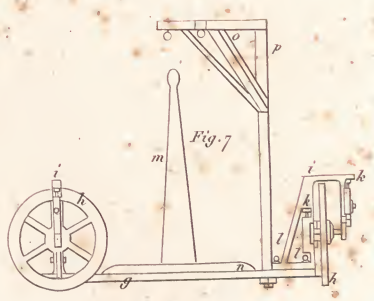


Fig. 7
o
p
m
i
k
h
l
n
g

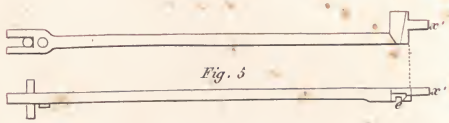


Fig. 5
x'
g

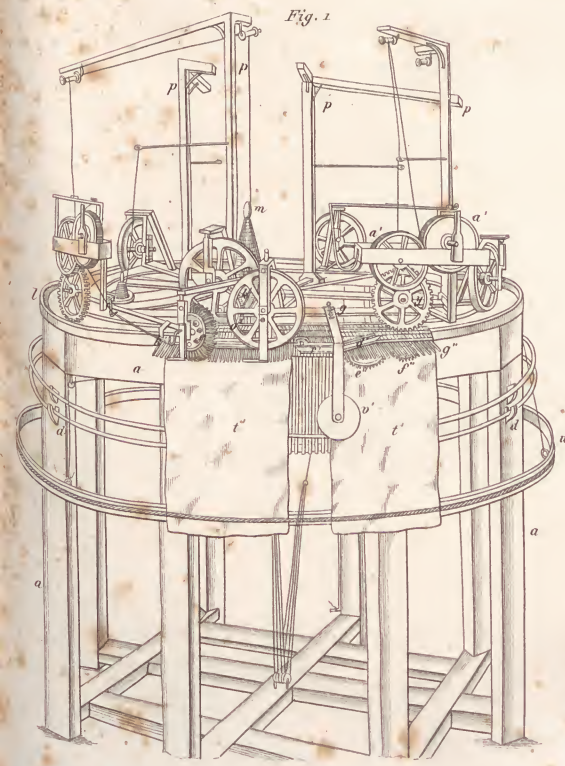


Fig. 1
p
m
a'
l
a
d
t'
v'
g''
u'

Fig. 3
f
b

Fig. 4
x
f
l

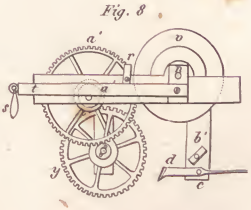


Fig. 8
a'
v
r
t
a
s
y
b'
d
c

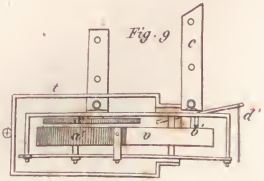


Fig. 9
c
t
d'
s
v
b

MAGLIA

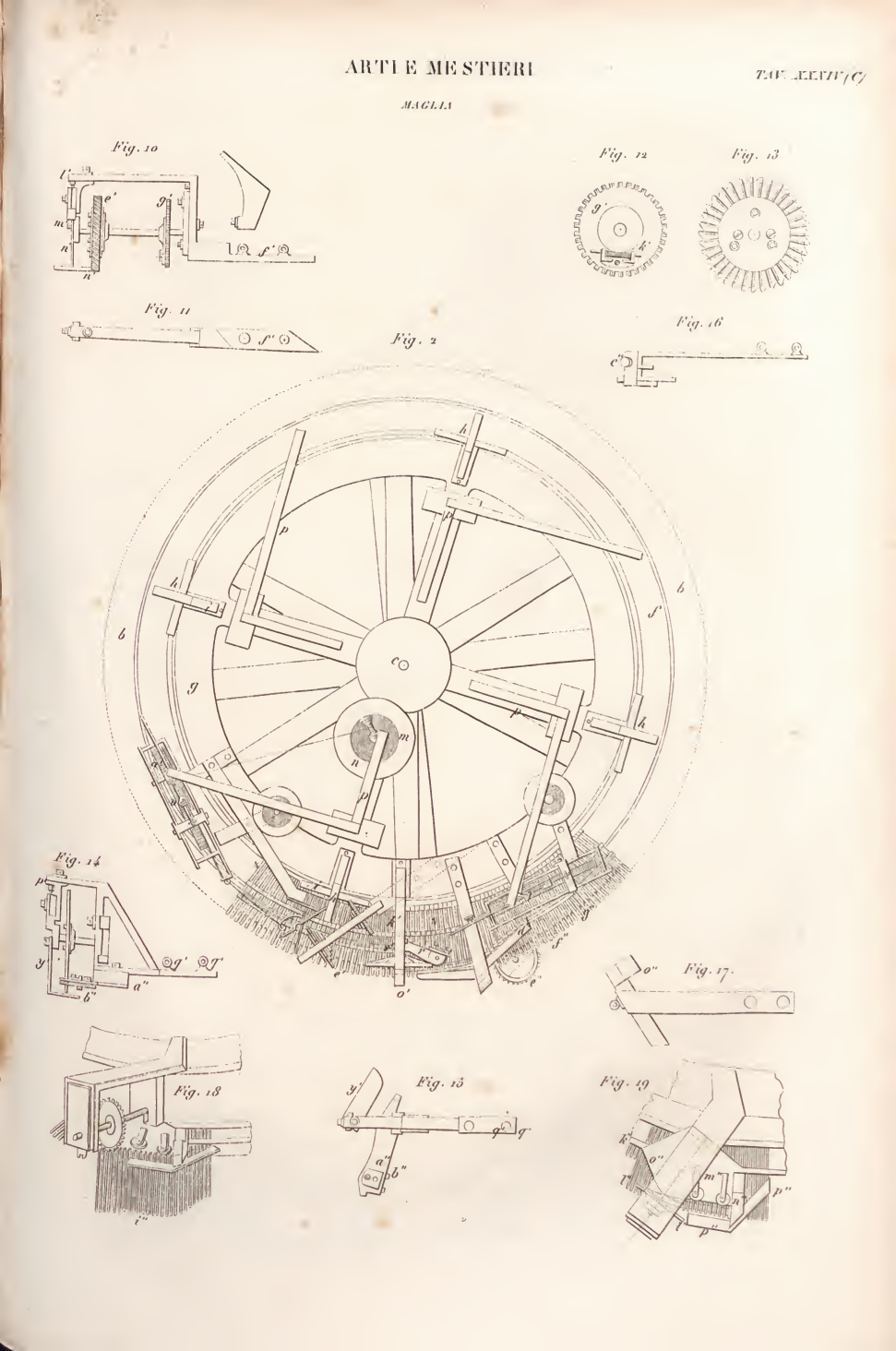
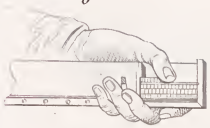


Fig. 10
Fig. 11
Fig. 12
Fig. 13
Fig. 16
Fig. 2
Fig. 14
Fig. 17
Fig. 18
Fig. 15
Fig. 19

STAMPA

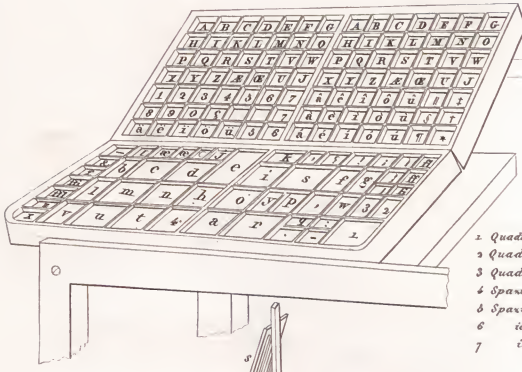
Copia di casse

Fig. 1



Compositojo

Fig. 2



1 Quadrati
2 Quadratoni
3 Quadratini
4 Spazii
5 Spazii finissimi
6 idem
7 idem

Torchio Stanhope

Fig. 3

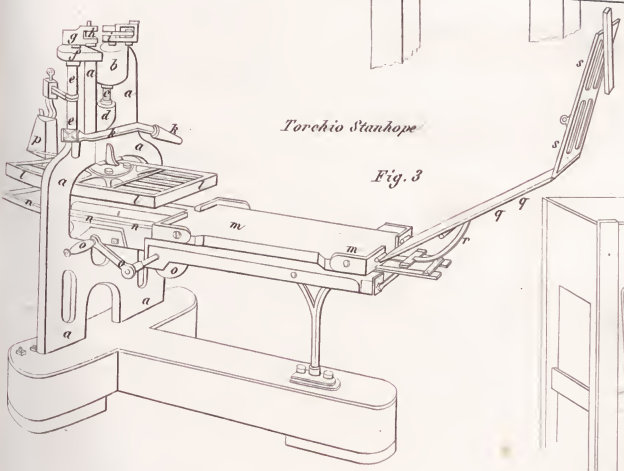
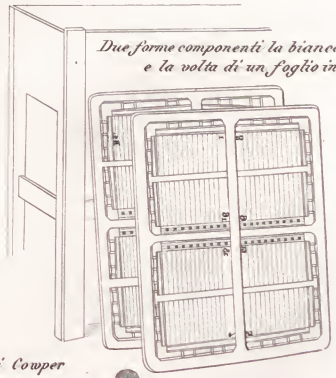


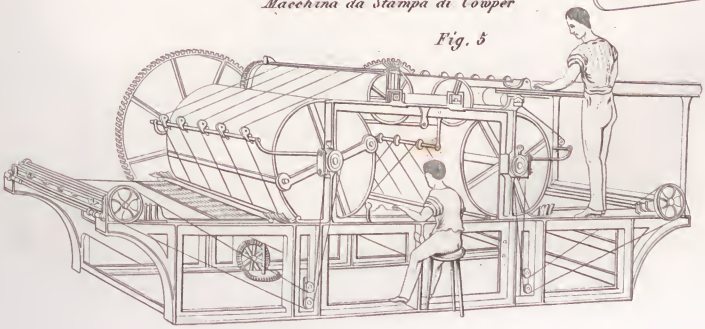
Fig. 4.



Due forme componenti la bianca e la volta di un foglio in 8.°

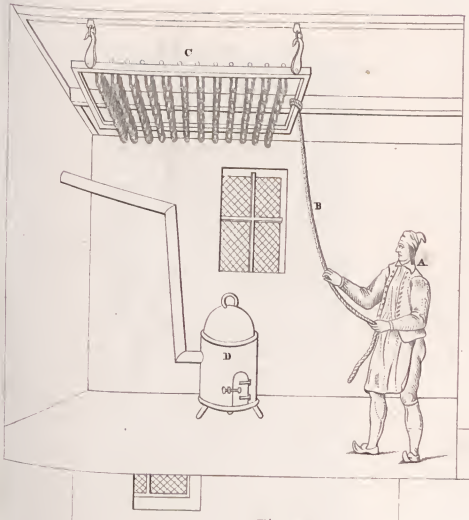
Macchina da Stampa di Cowper

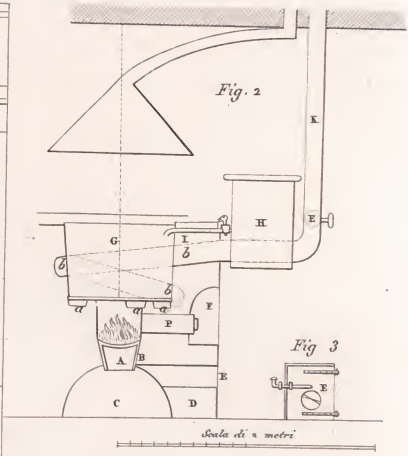
Fig. 5

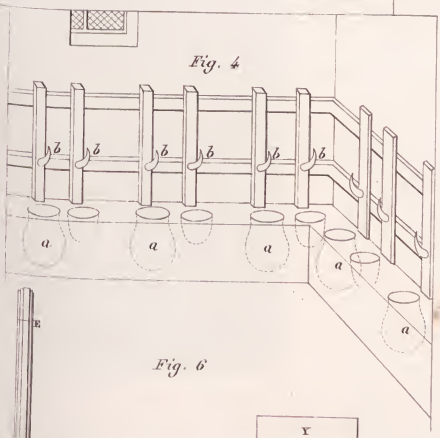


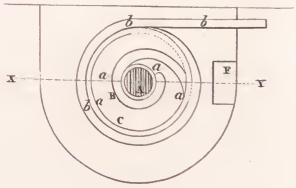
TINTURA

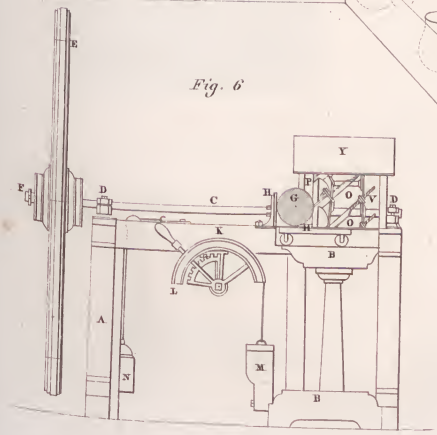
Fig 1.

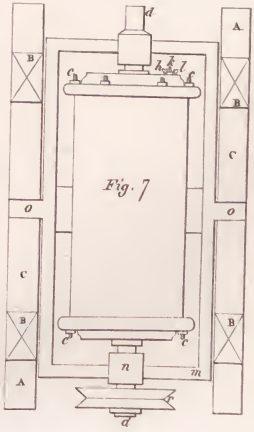












TINTURA

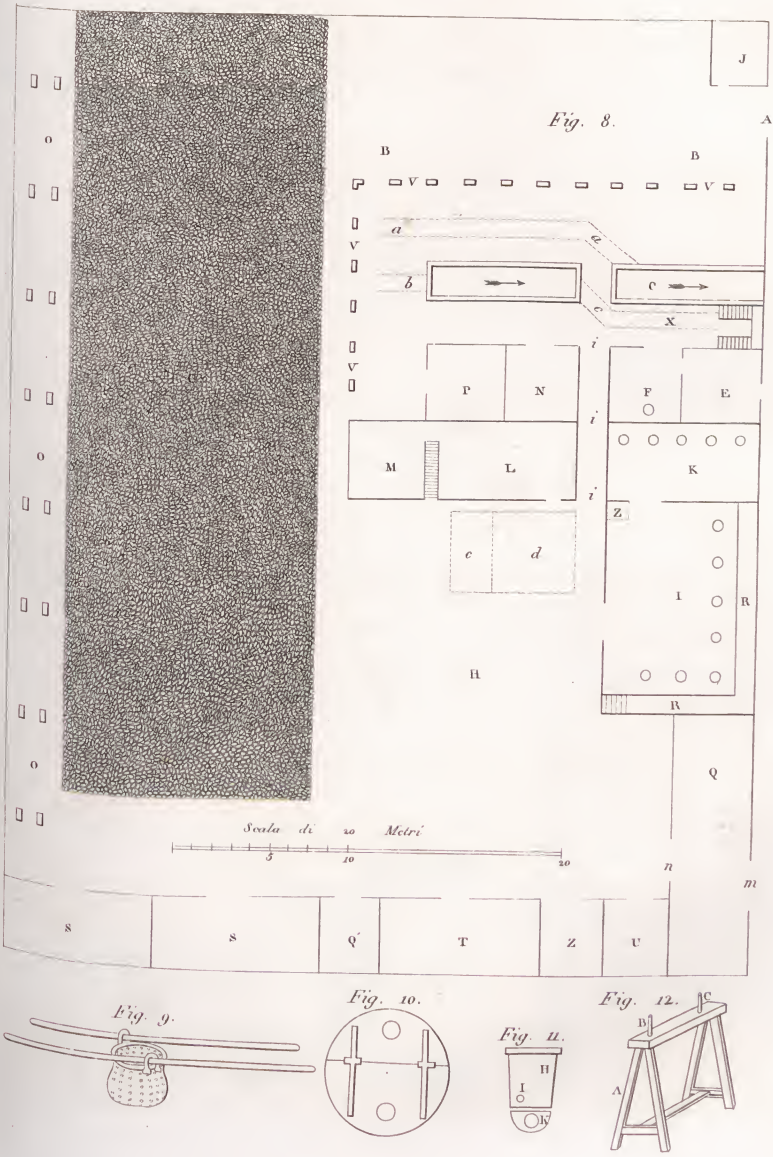


Fig. 8.
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V
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Scala di 20 Metri
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Fig. 9.
Fig. 10.
Fig. 11.
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Fig. 12.
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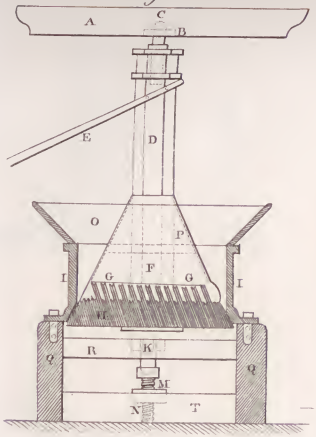
A

Fig. 13.



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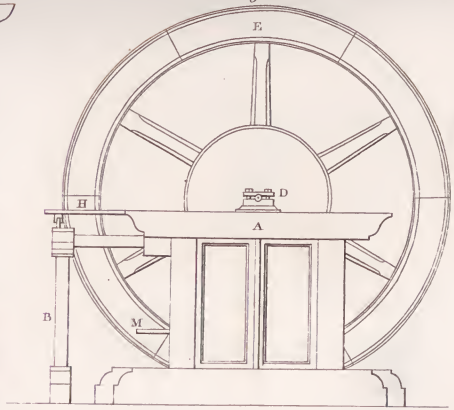


Fig. 15.

Fig. 16.

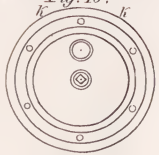
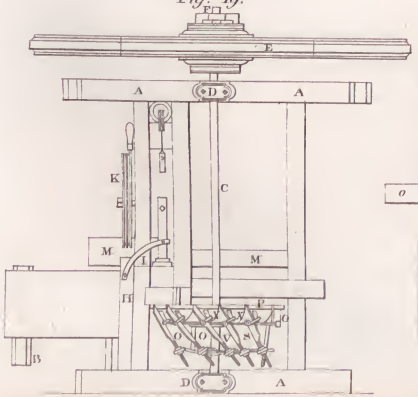


Fig. 17.

Fig. 18.

Fig. 19.



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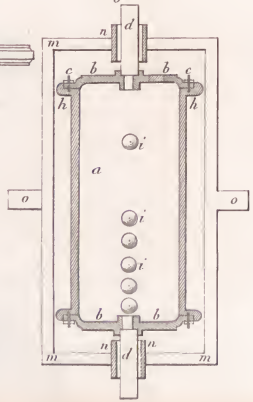

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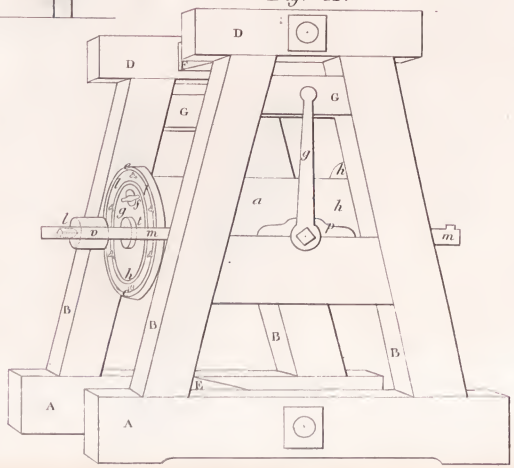

TINTURA

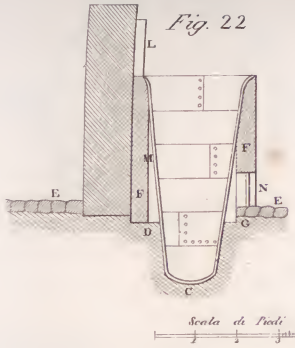
Fig. 22
L
M
F
E
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G
D
C
Scala di Piedi

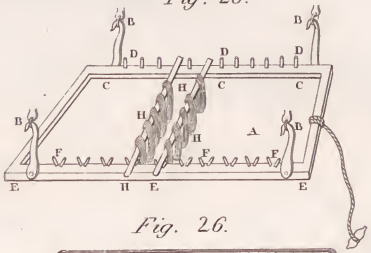
Fig. 23.
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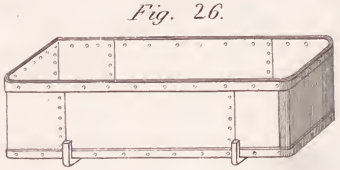
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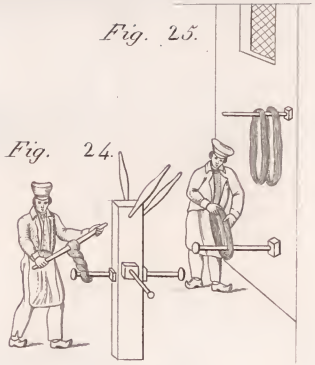


Fig. 25.
Fig. 24.

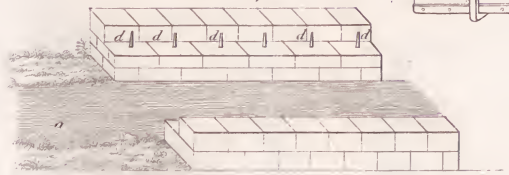


Fig. 27.
d
a

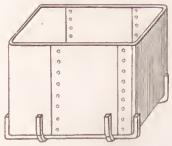


Fig. 28

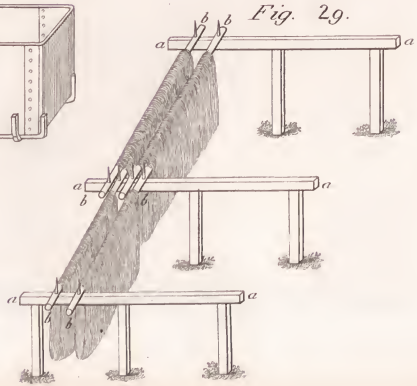


Fig. 29.
a
b

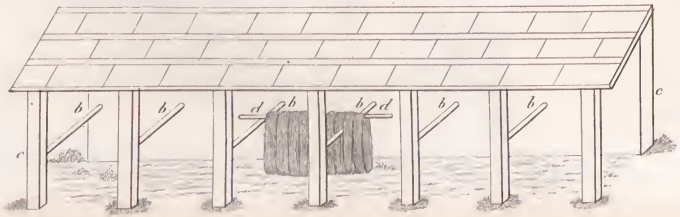
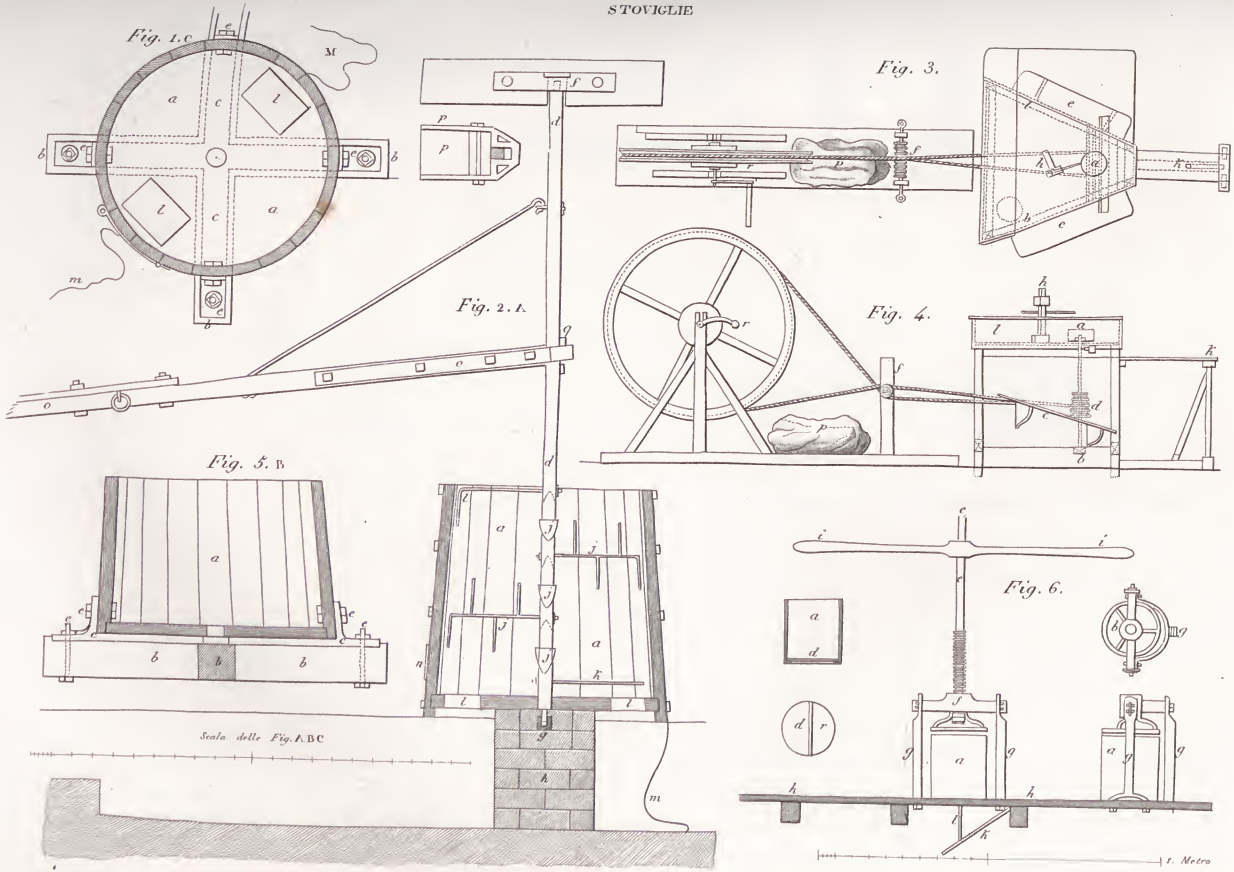


Fig. 30.
b
d
c

STOVIGLIE



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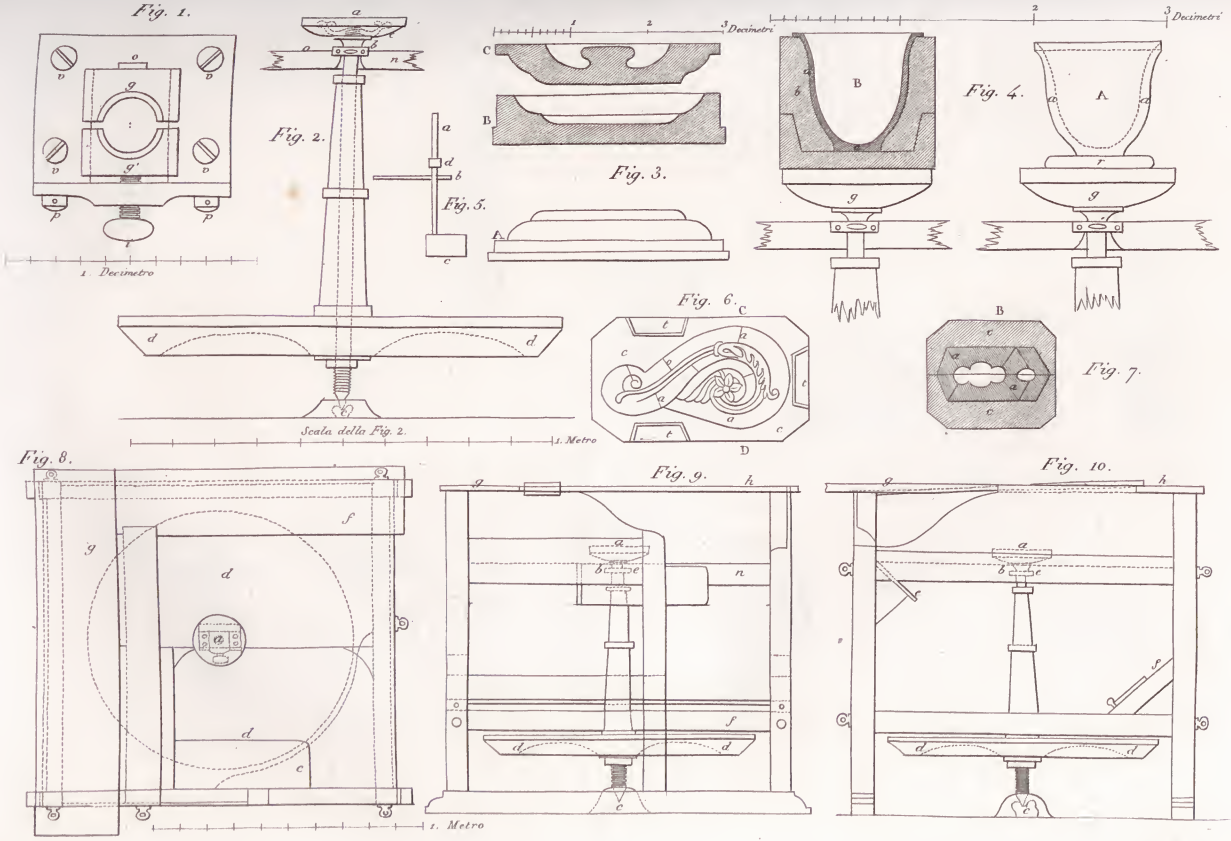


Fig. 1.
1 Decimetro
Fig. 2.
Scala della Fig. 2.
1 Metro
Fig. 3.
Decimetri
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
1 Metro
Fig. 9.
Fig. 10.

STOVIGLIE

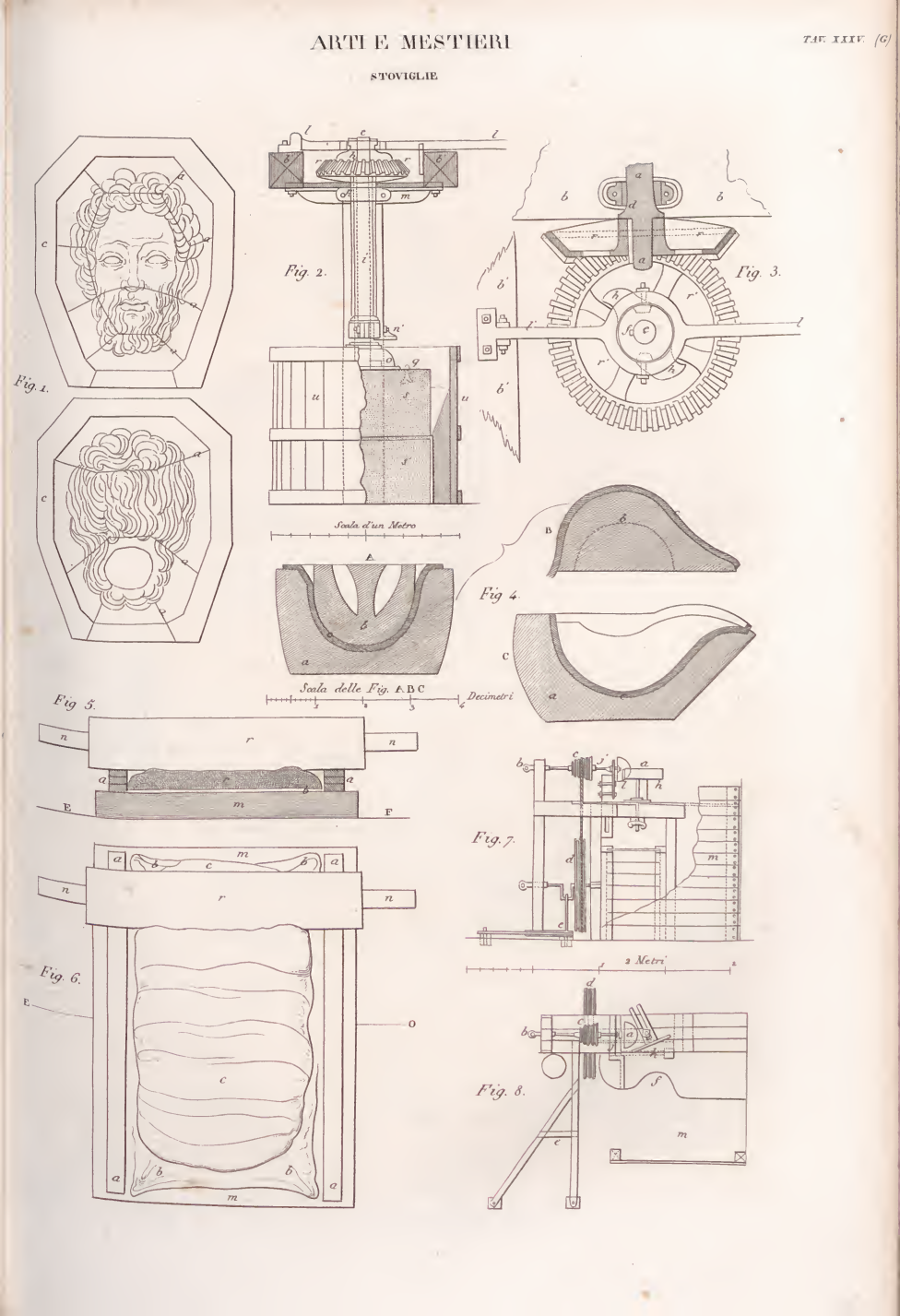
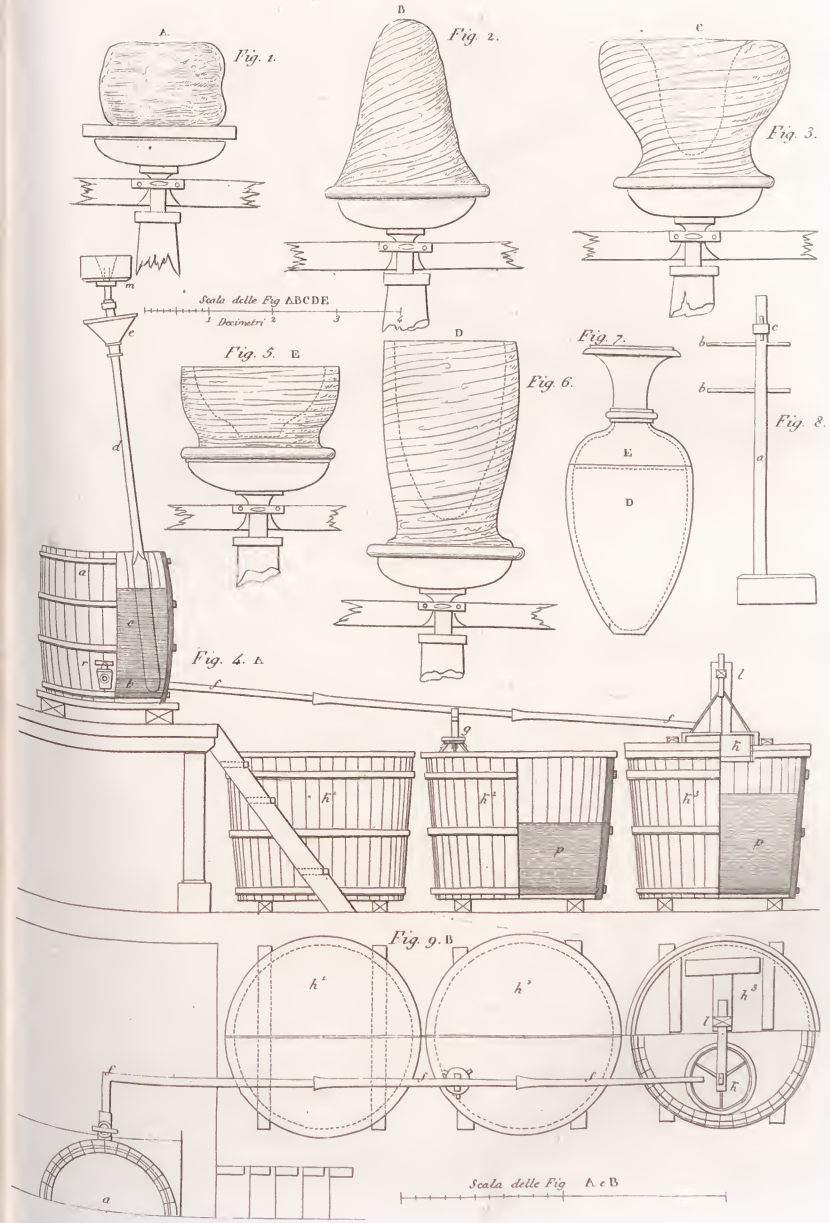


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Scala d'un Metro
Scala delle Fig. A.B.C
Decimetri
2 Metri

ARTI E MESTIERI

STOVIGLIE



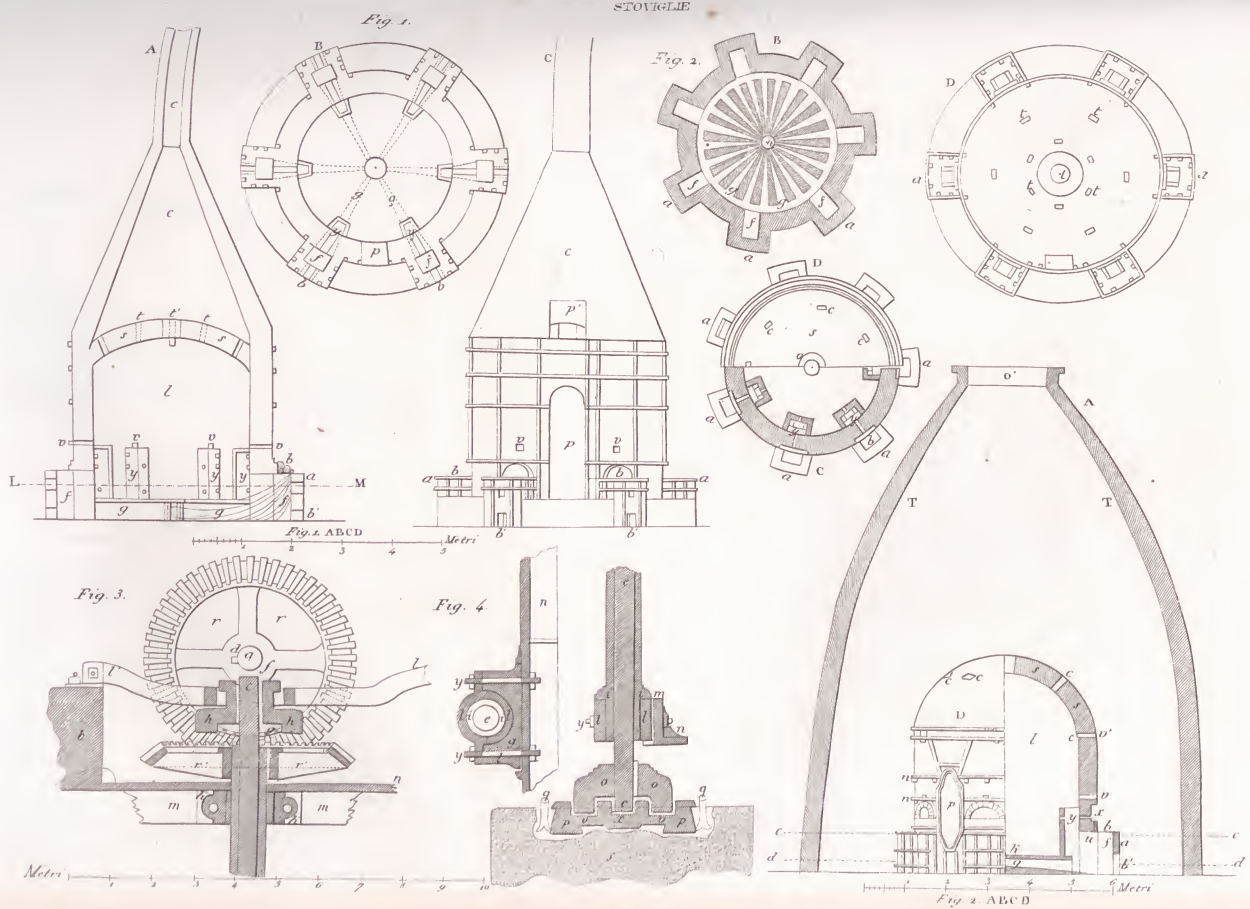


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 1. ABCD
Fig. 2. ABCD
Metri

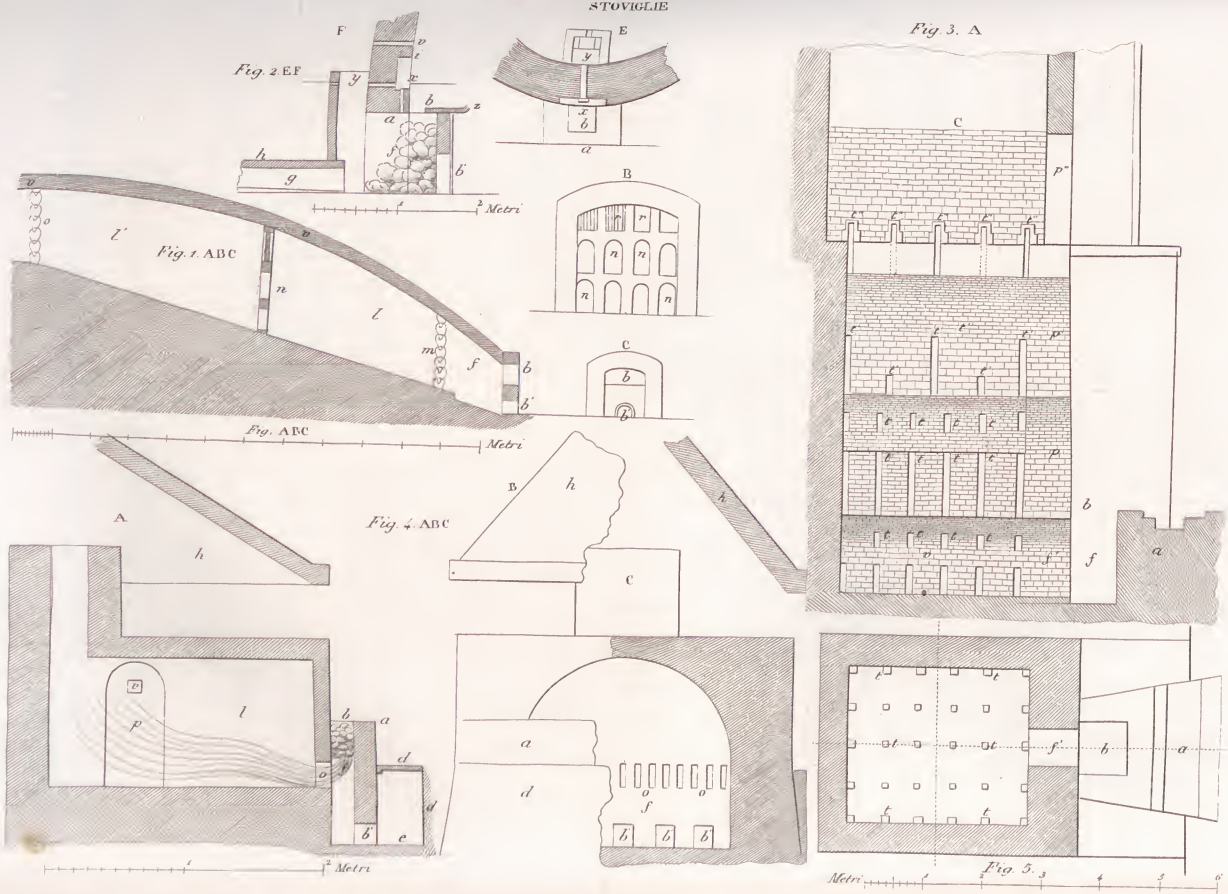
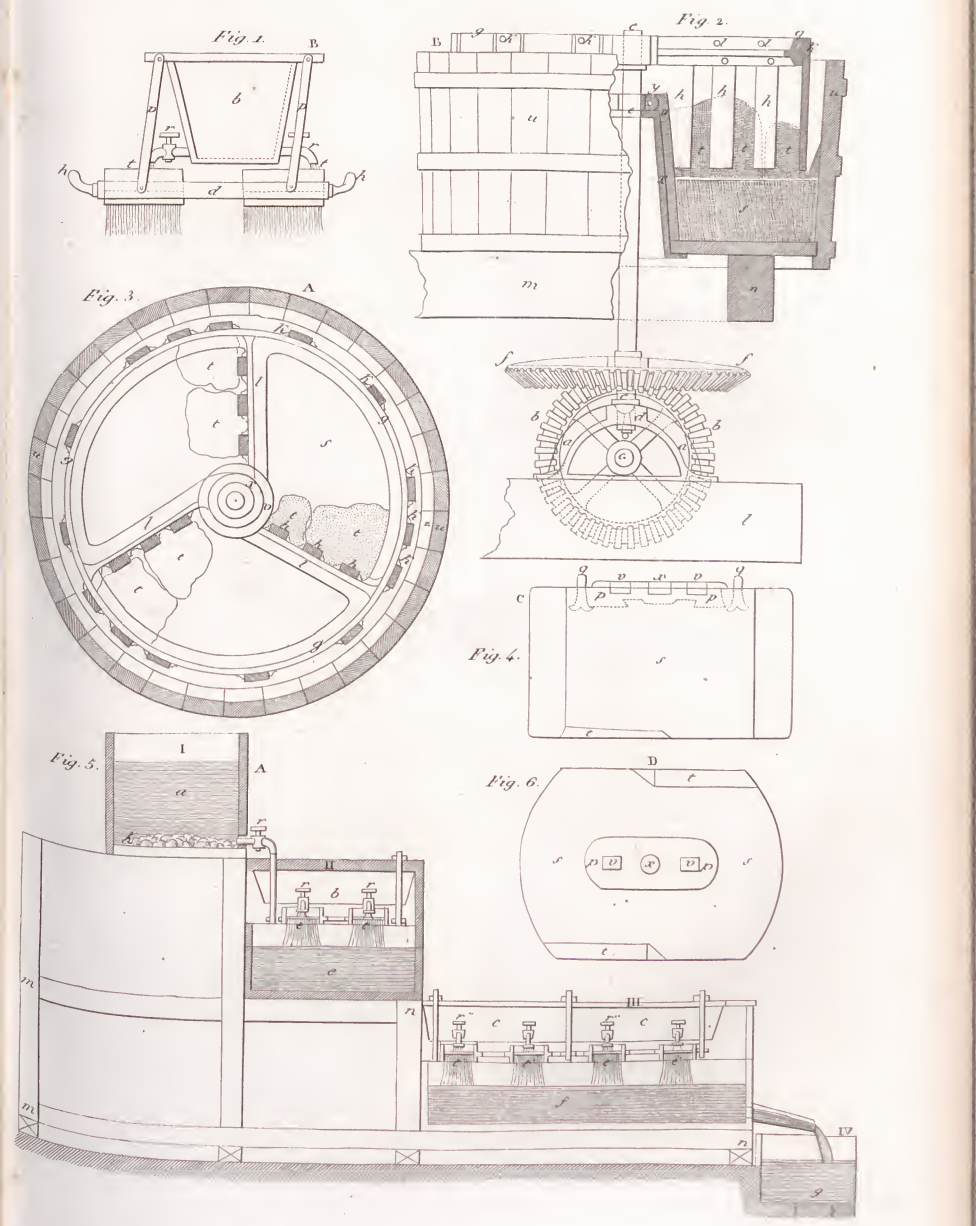


Fig. 2 EF
Fig. 1. ABC
Fig. ABC
Metri
Fig. 4. ABC
Fig. 3. A
Fig. 5.

STOVIGLIE



STOVIGLIE

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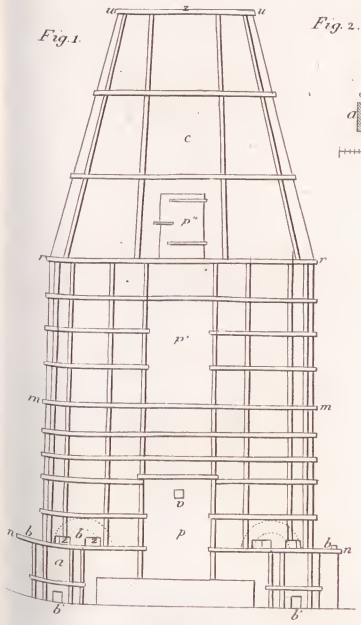


Fig. 2. B

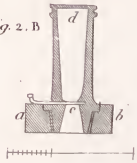


Fig. 3.

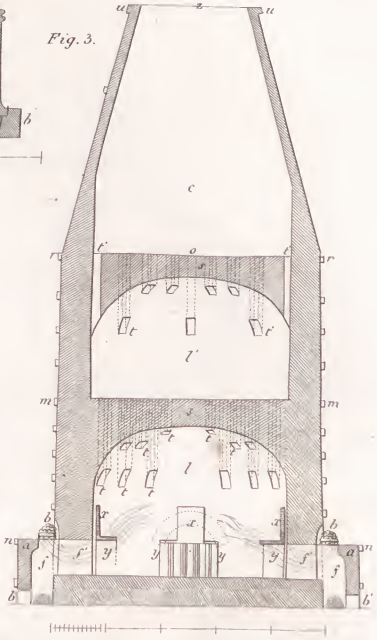
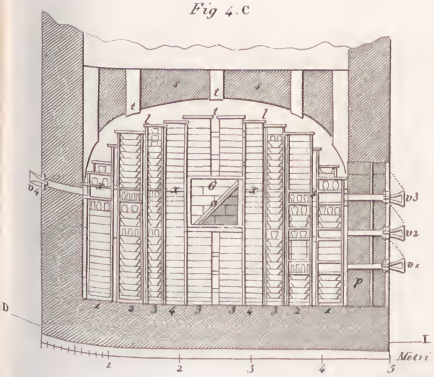


Fig 4. C



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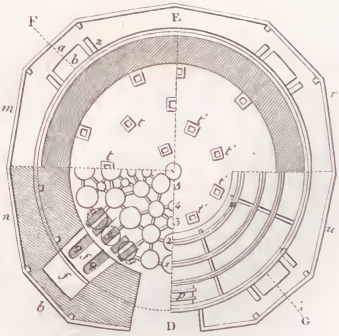


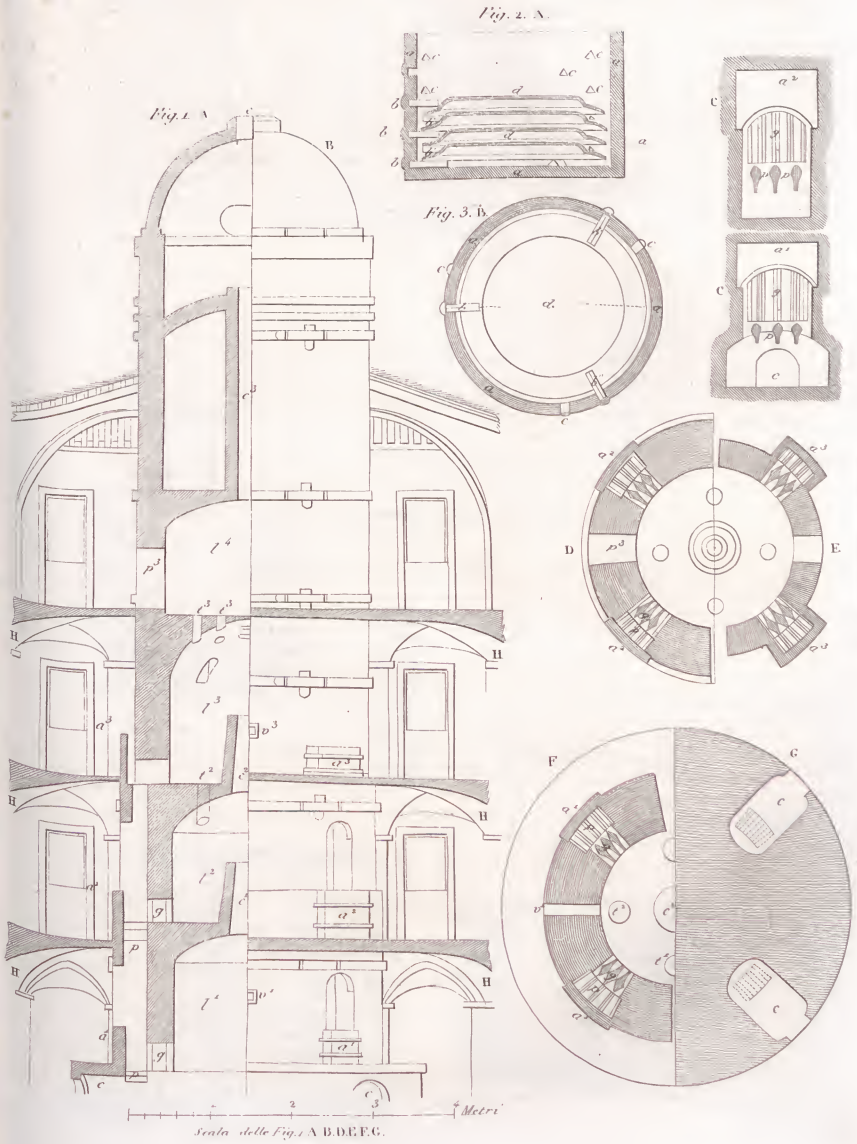


Fig. 1. A.
Fig. 2. A.
Fig. 3. B.
Scala delle Fig. 3. A. B.
Scala delle Fig. 1. A. B. D. E. F. G.
Metri
Decim.

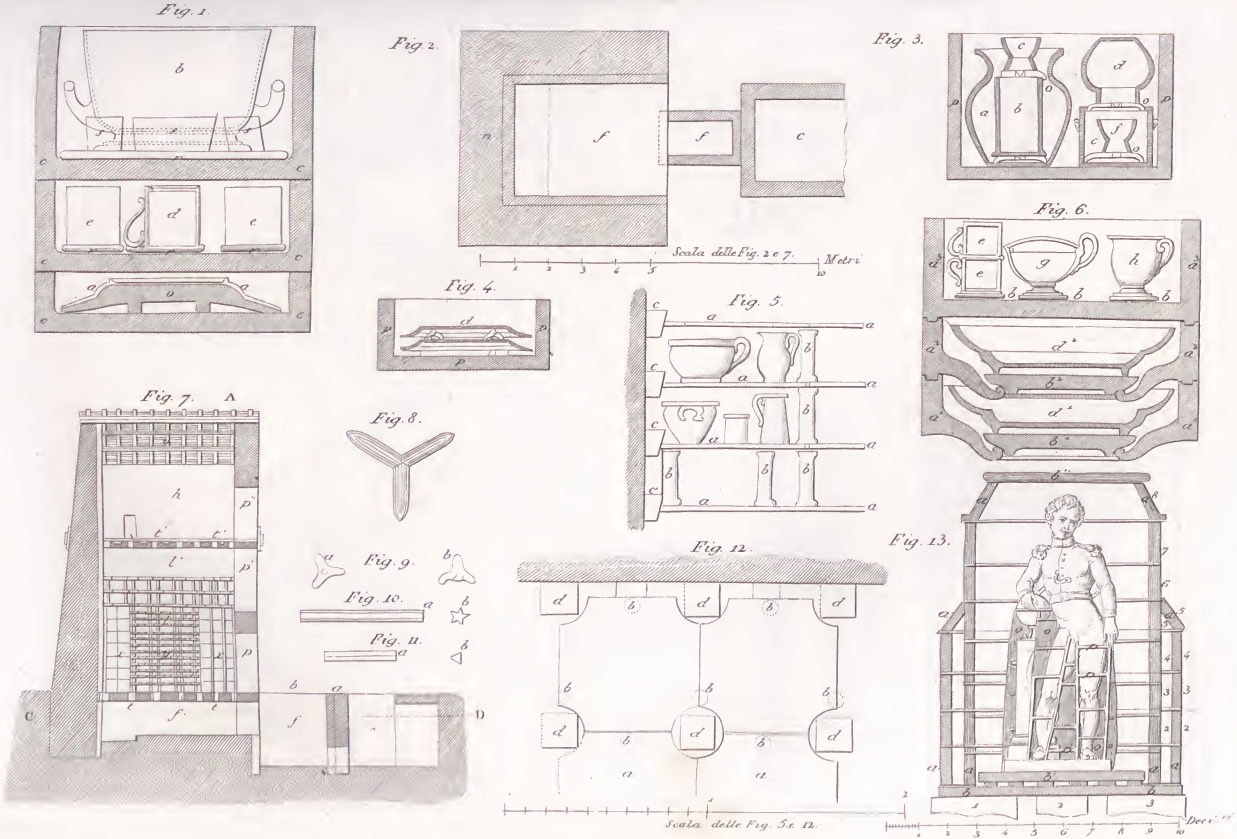
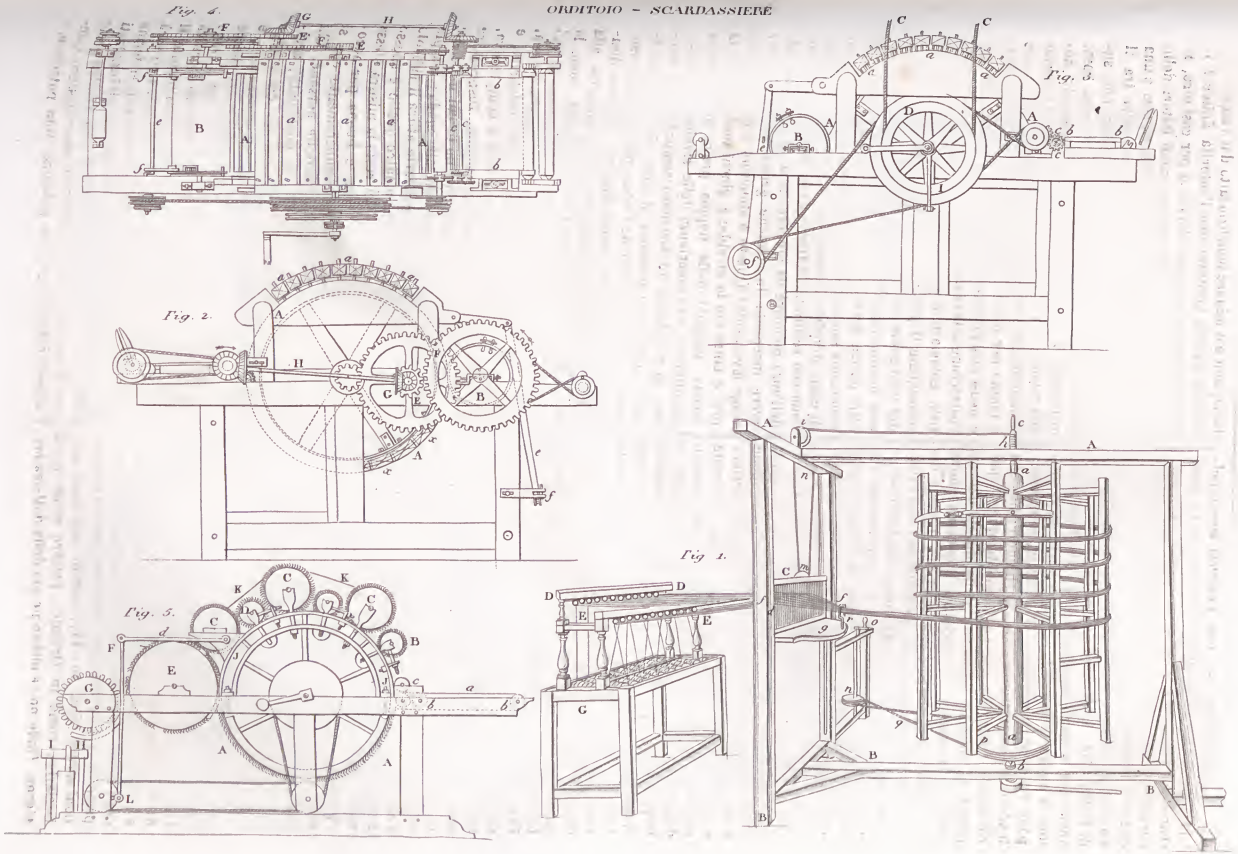


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Scala delle Fig. 2 e 7.
Metri
Scala delle Fig. 5 e 12.
Decimi

ORDITOIO - SCARDASSIERE



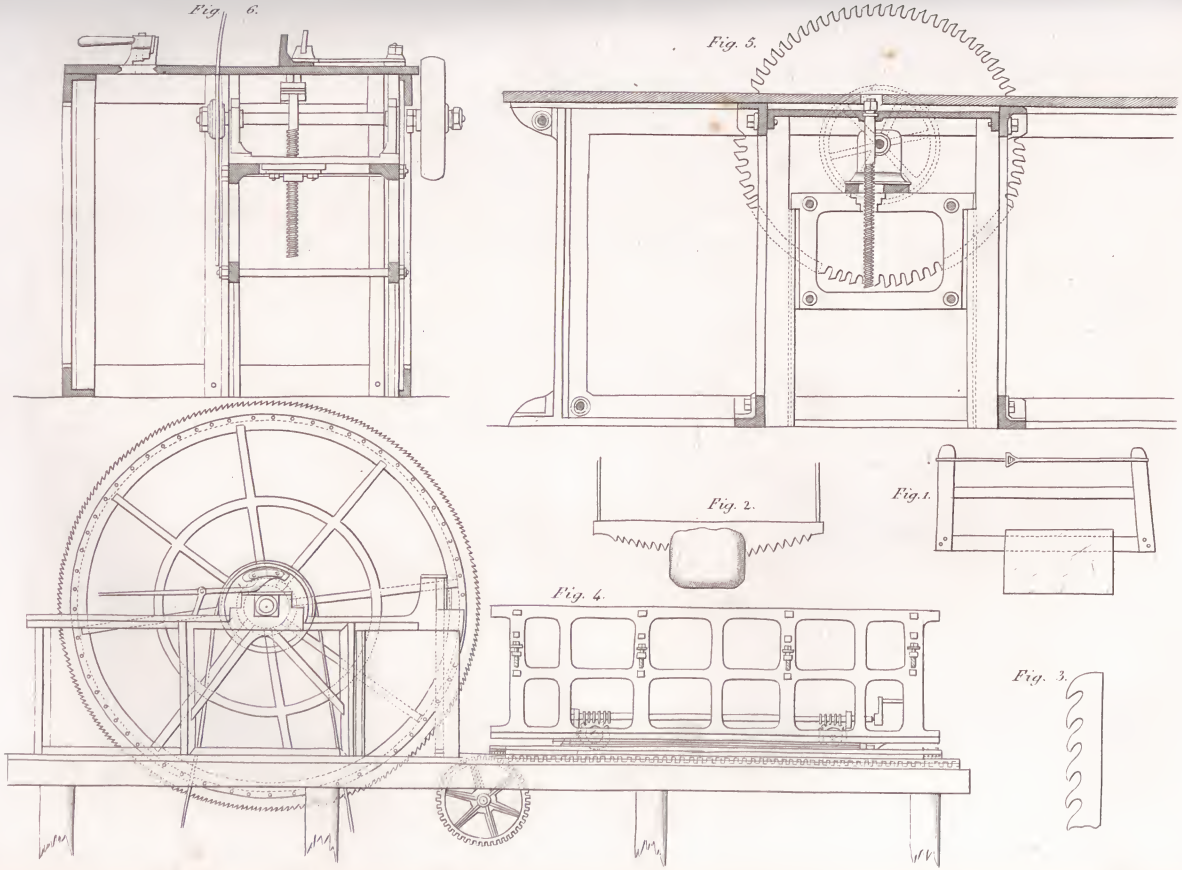
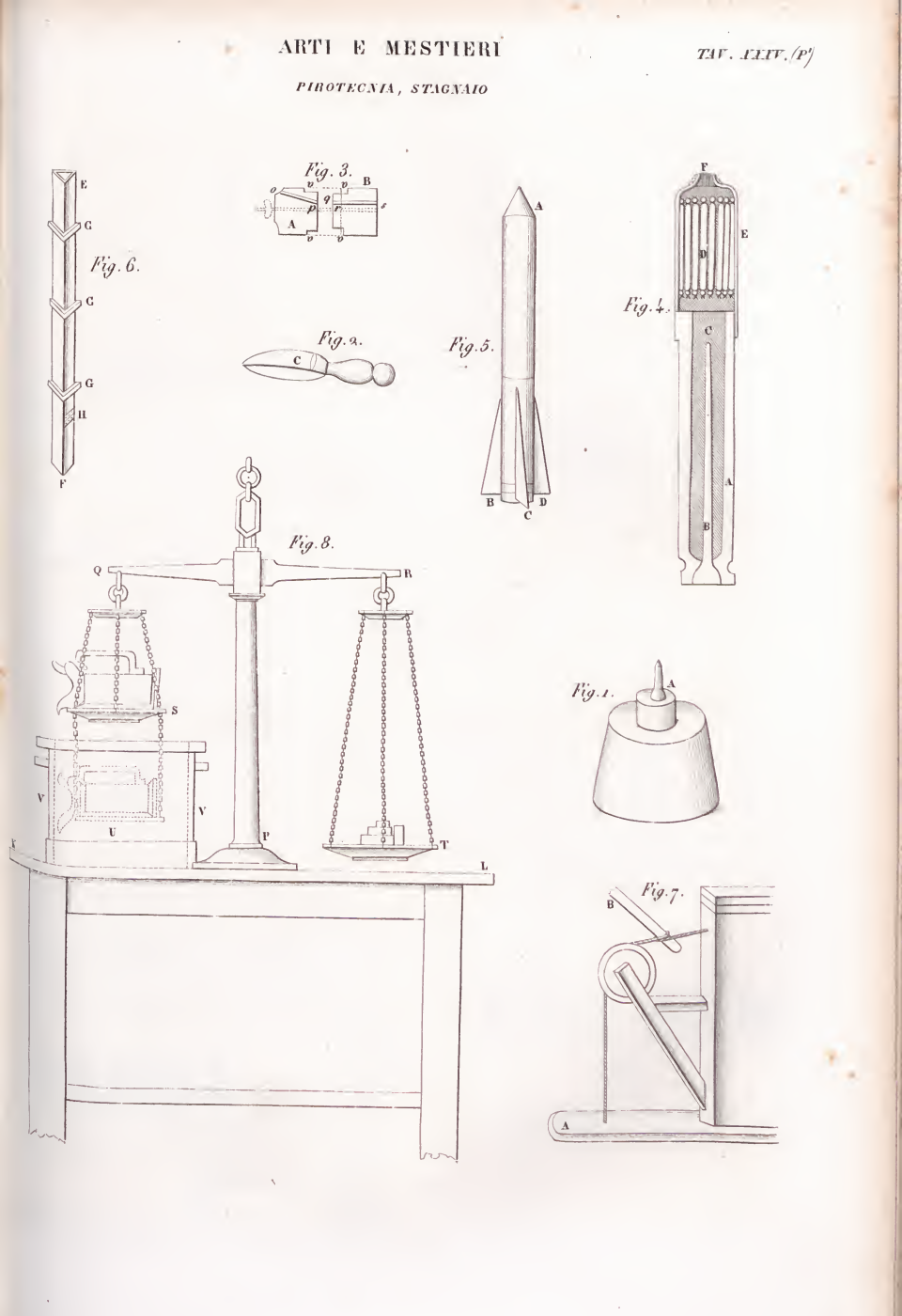


Fig. 6.
Fig. 5.
Fig. 2.
Fig. 1.
Fig. 4.
Fig. 3.

PIROTECNIA, STAGNAIO



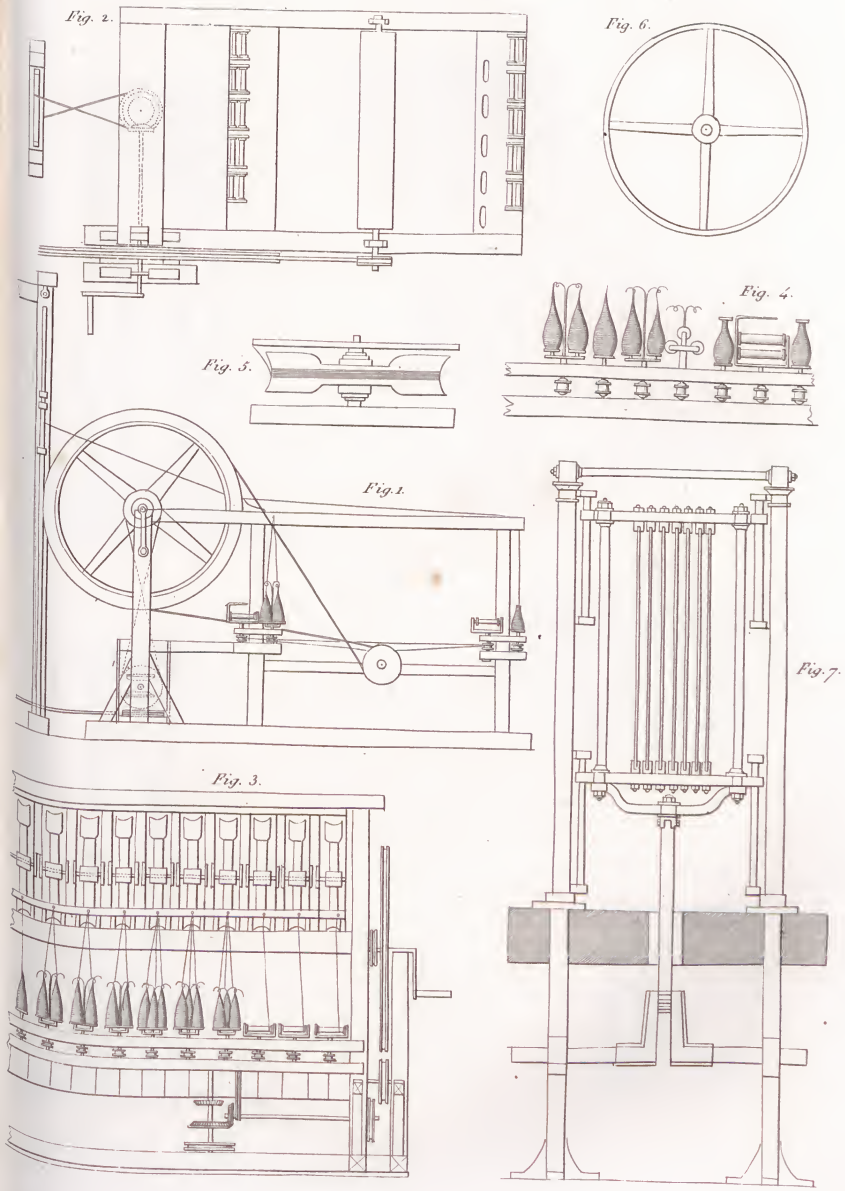
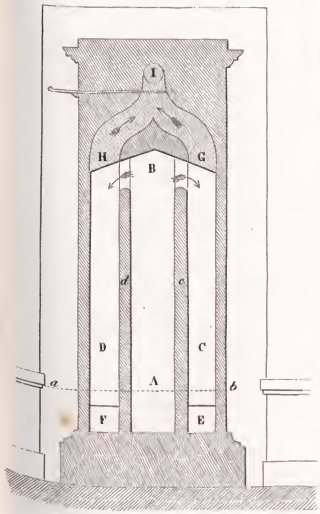


Fig. 2.
Fig. 6.
Fig. 4.
Fig. 5.
Fig. 1.
Fig. 7.
Fig. 3.

STUFE

Fig. 1.



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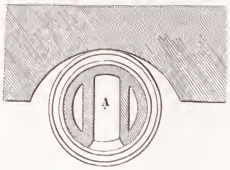

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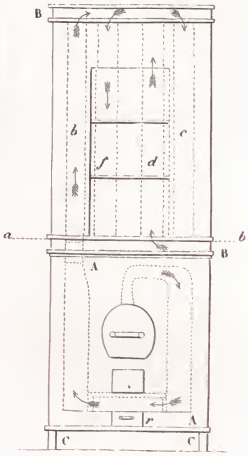

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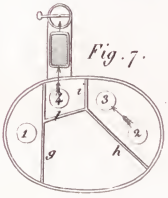

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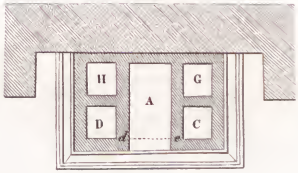

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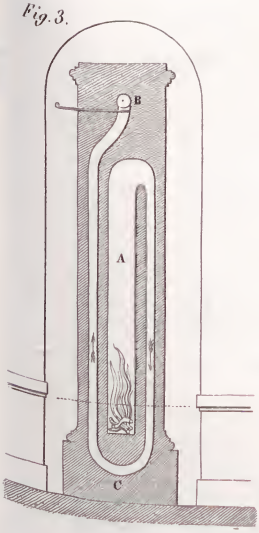
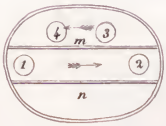


Fig. 8.

Fig. 9.



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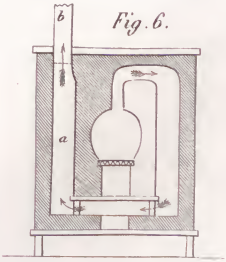

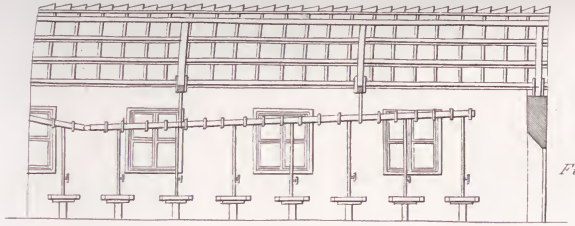

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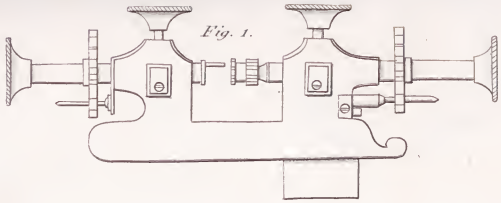


Fig. 1.

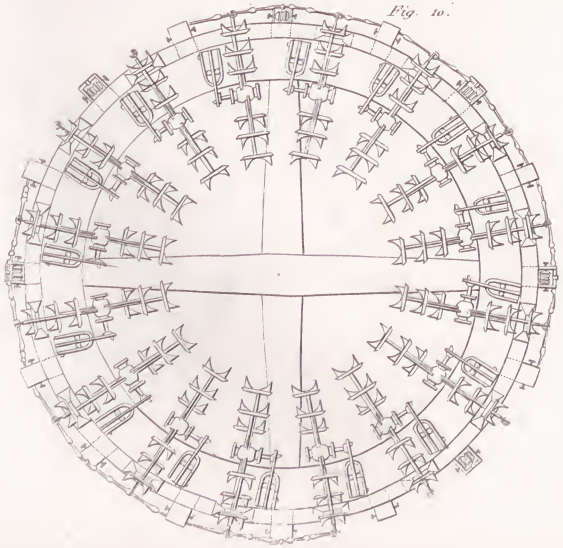


Fig. 10.

Fig. 3.

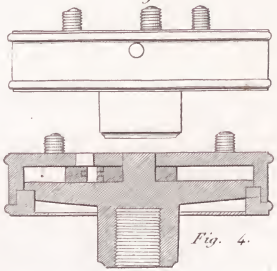


Fig. 2

Fig. 4.

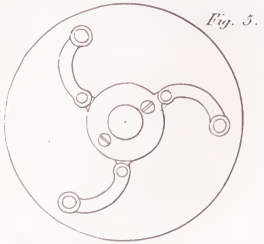
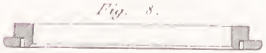


Fig. 5.

Fig. 7.



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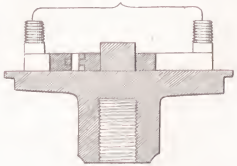

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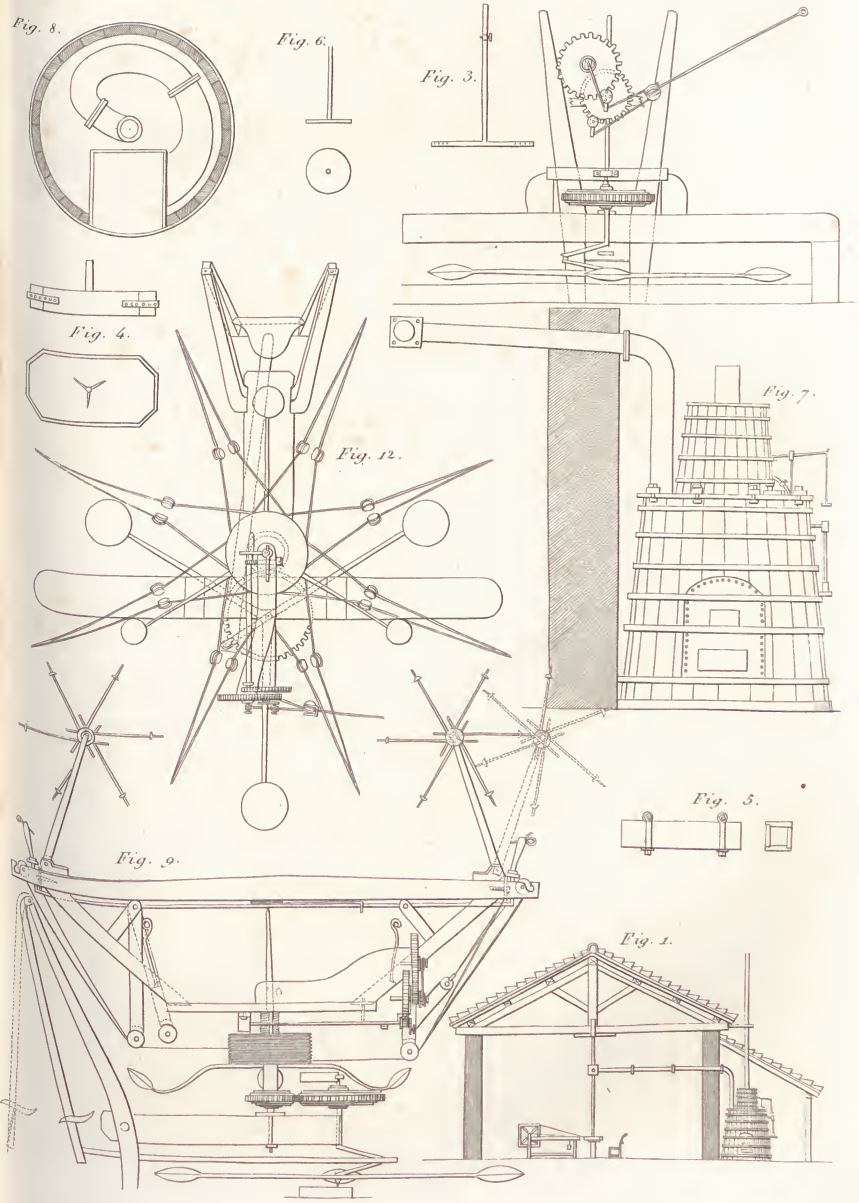
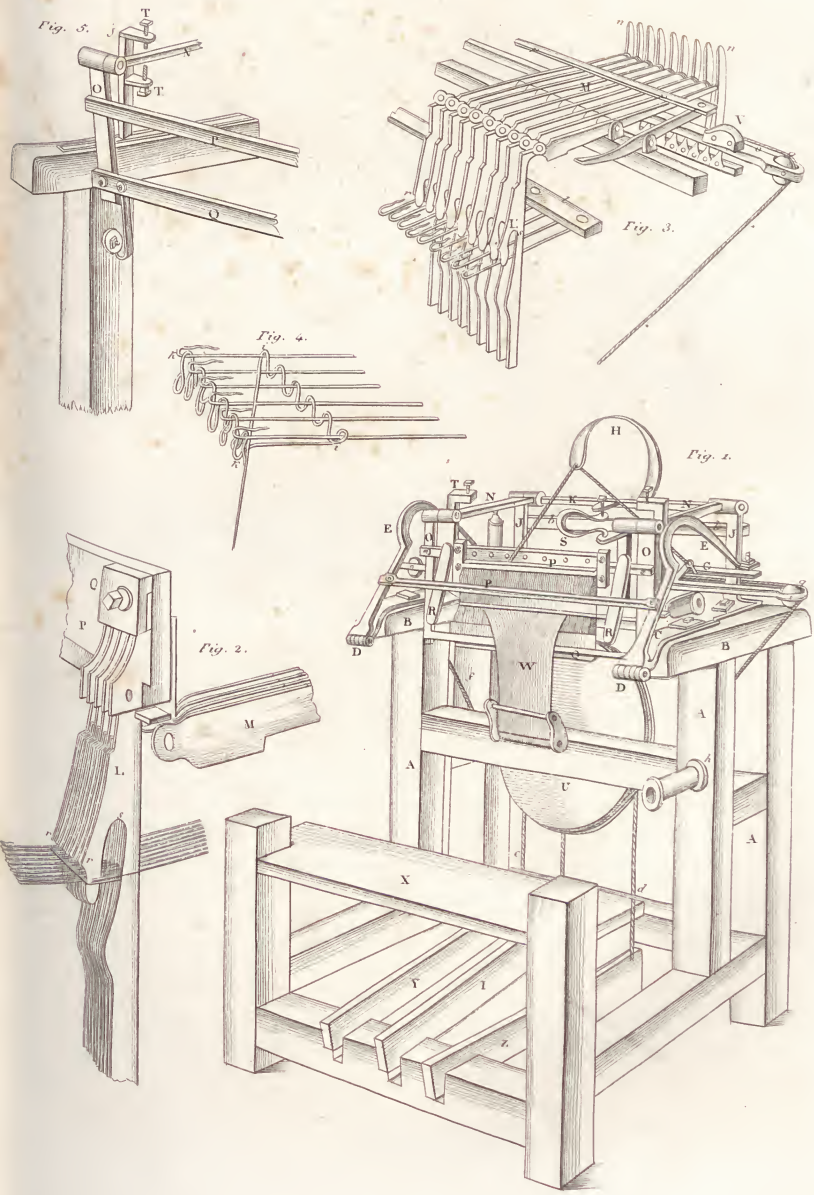


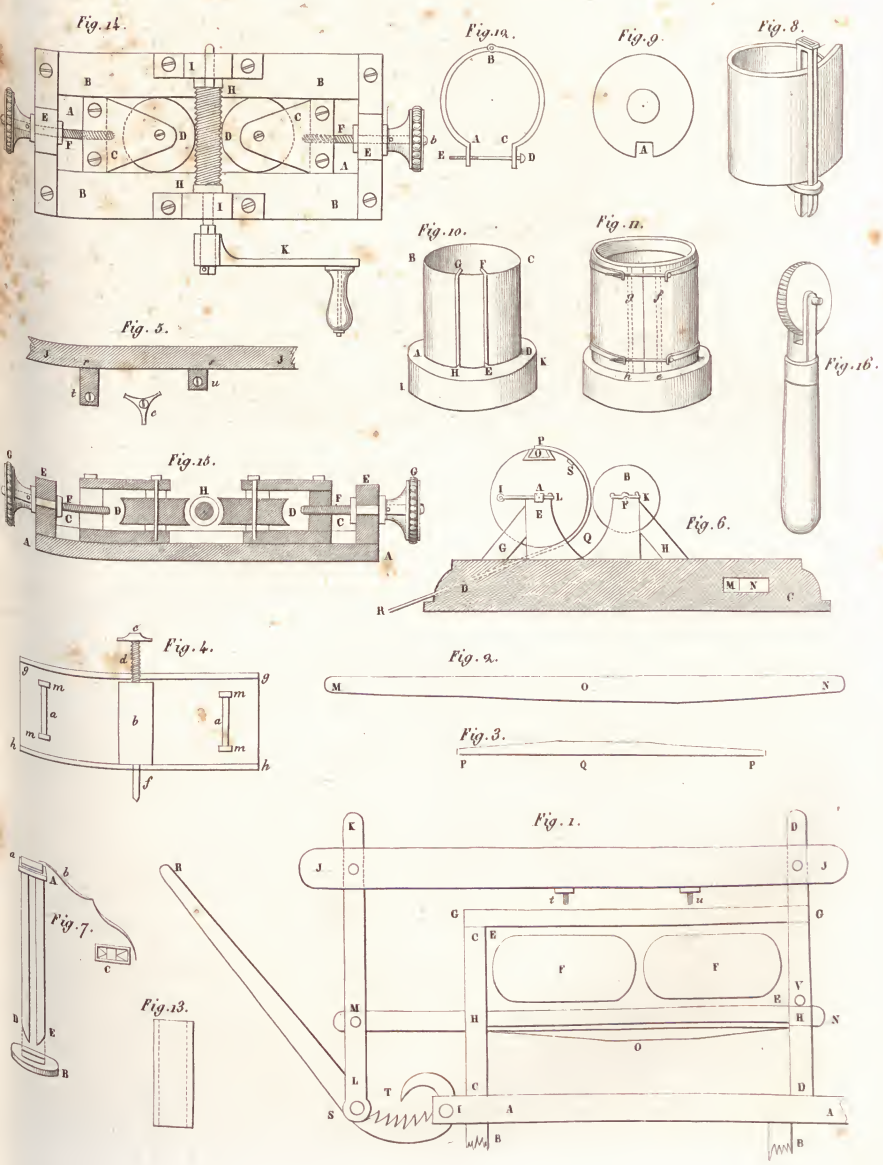
Fig. 8.
Fig. 6.
Fig. 3.
Fig. 4.
Fig. 7.
Fig. 12.
Fig. 5.
Fig. 9.
Fig. 1.

TELAIO DA CALZE



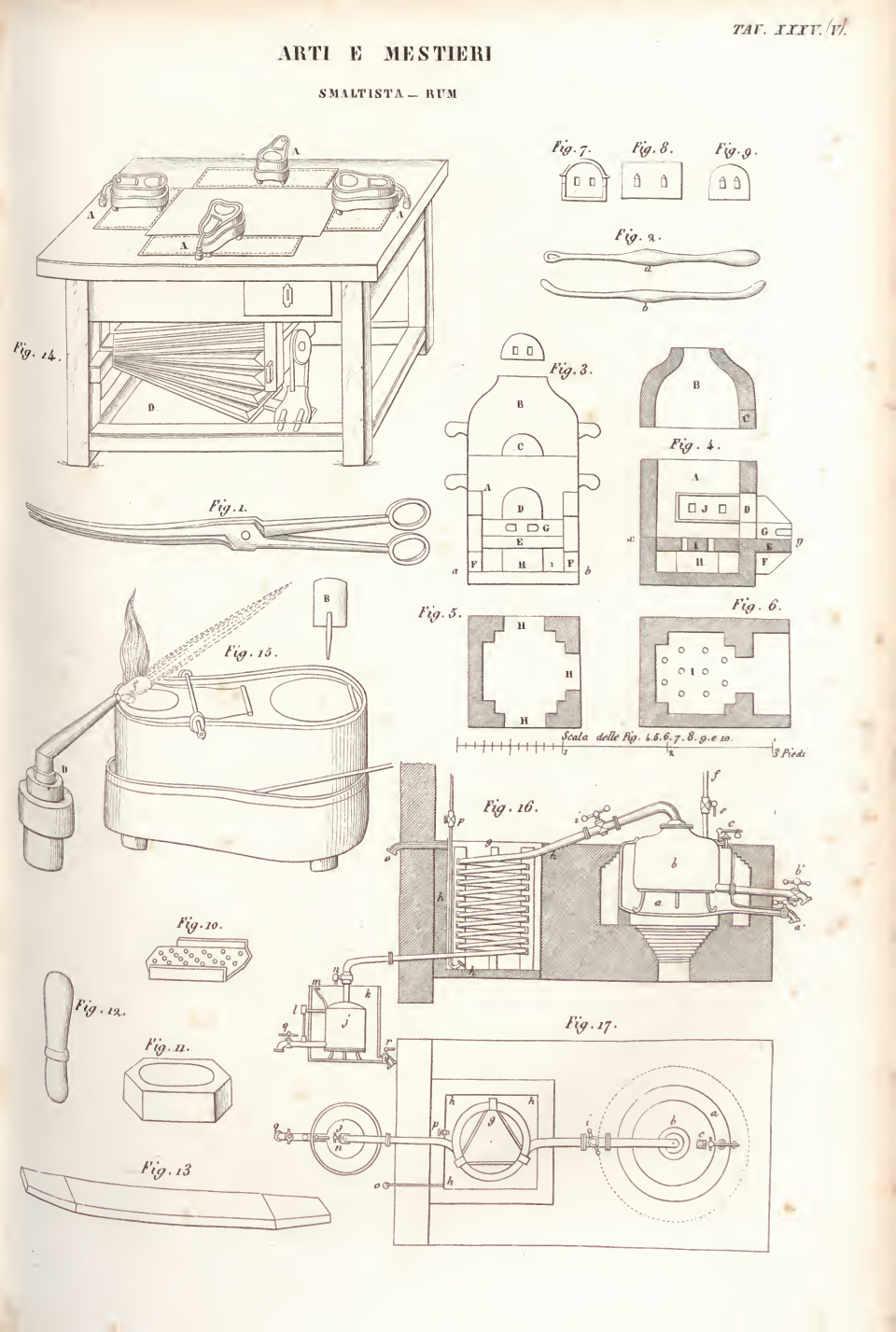
ARTI E MESTIERI

RAFFILATOIO, SCATOLAIO, SEGNATOIO

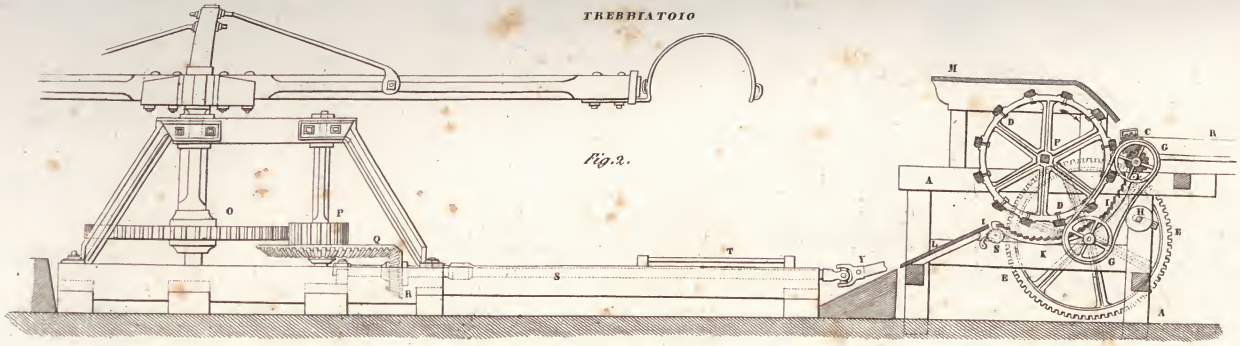


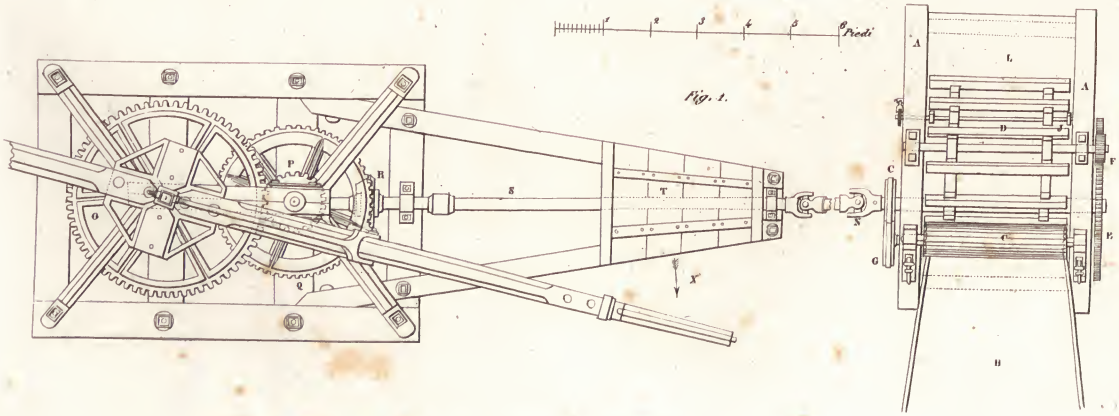
ARTI E MESTIERI

SMALTISTA — RUM

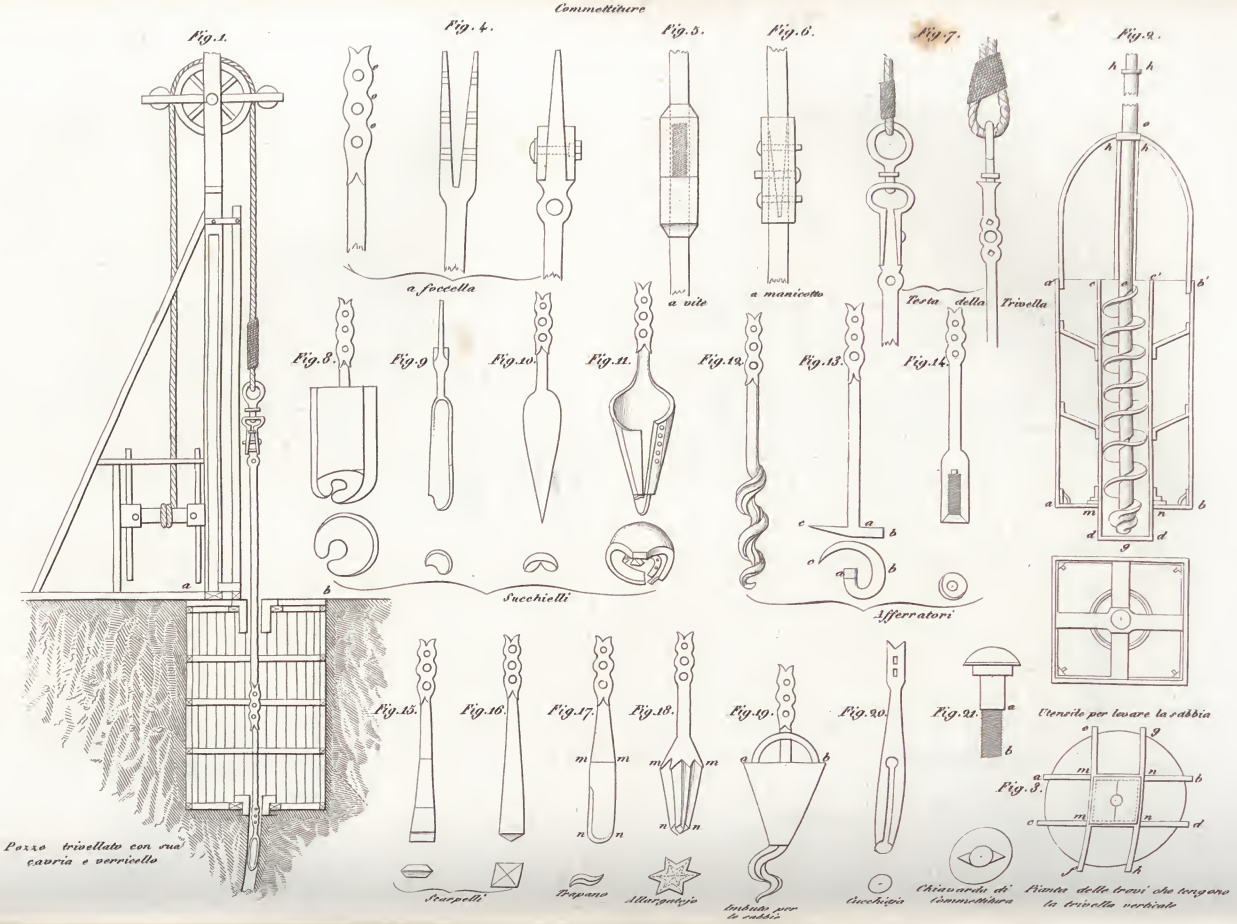


TREBBIATOIO

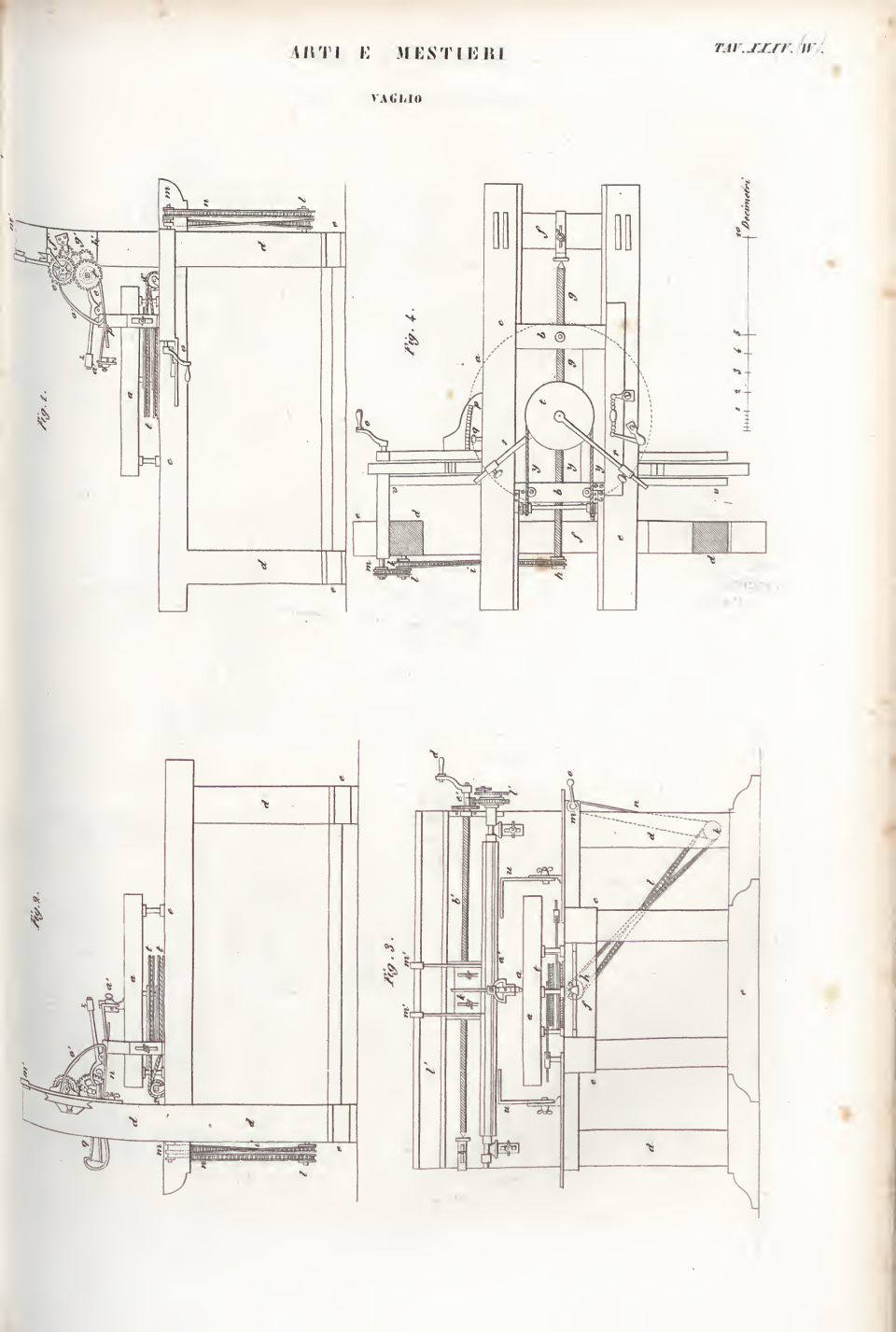




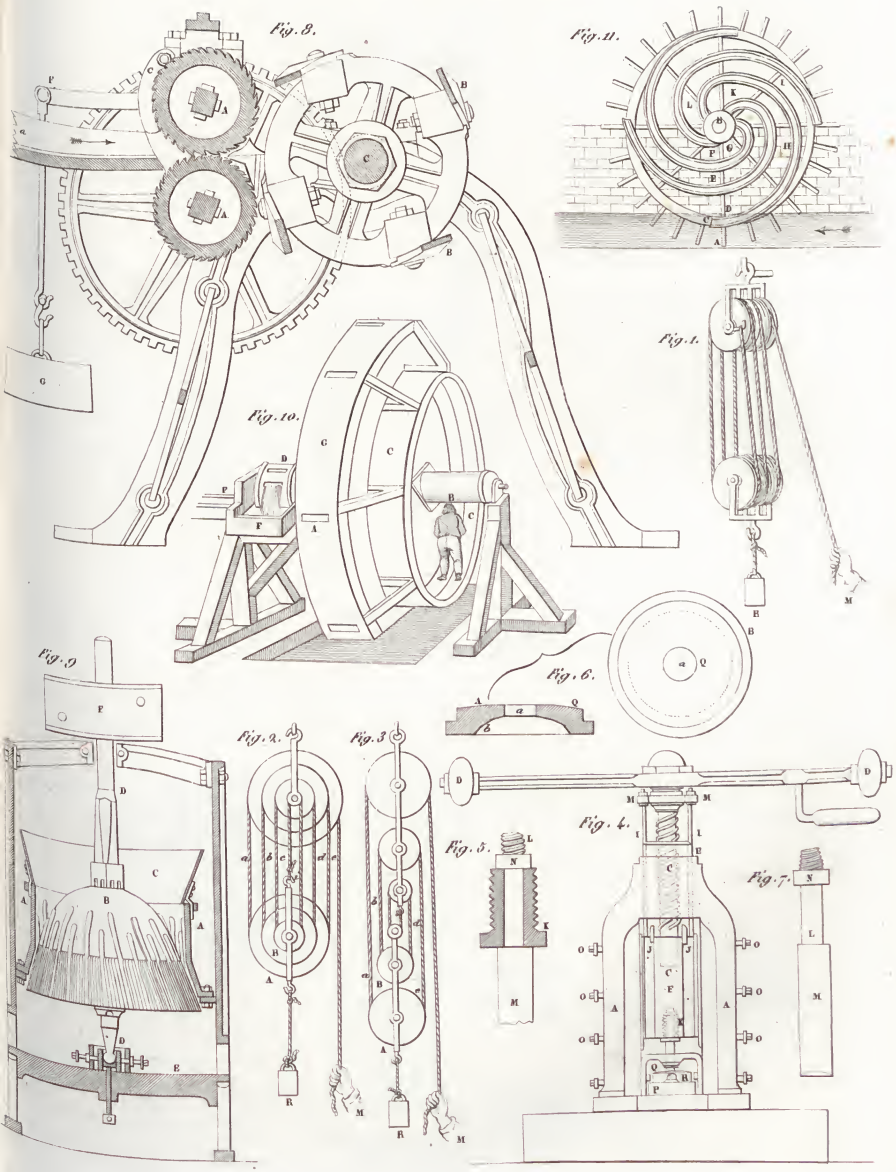
TRIVELLE


Commettitore
Fig. 1.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 2.
a foccella
a vite
a manicetto
Testa della Trivella
Fig. 8.
Fig. 9
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
Succhielli
Afferratori
Fig. 15.
Fig. 16.
Fig. 17.
Fig. 18.
Fig. 19.
Fig. 20.
Fig. 21.
Uncinto per levare la sabbia
Fig. 3.
Pozzo trivellato con sua cavria e verricello
Scarpelli
Rapano
Allargatojo
Imbuto per le sabbie
Succhiajo
Chiavarda di Commettitura
Pianta delle travi che tengono la trivella verticale

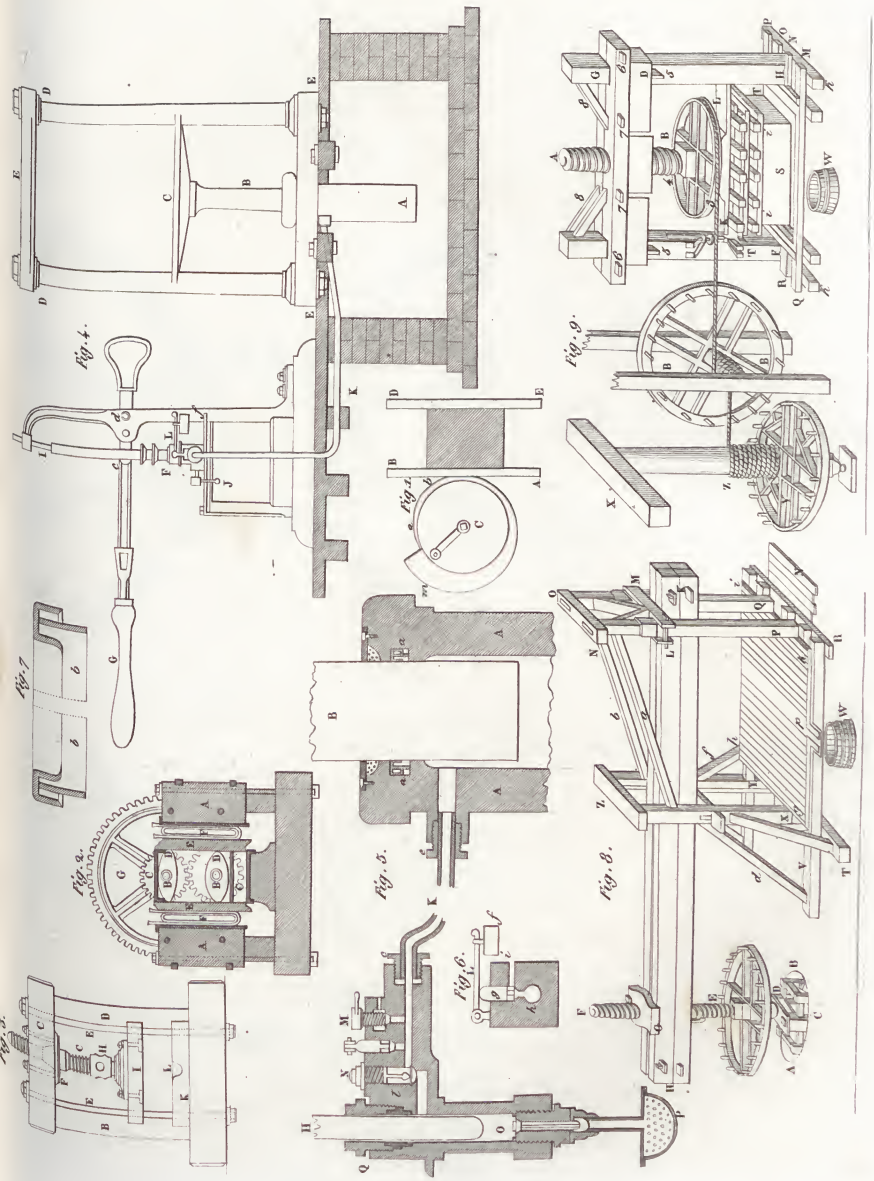
VAGLIO



TAGLIA, TAGLIATOIO, TANNO, TIMPANO



TORCHIO STRETTOJO



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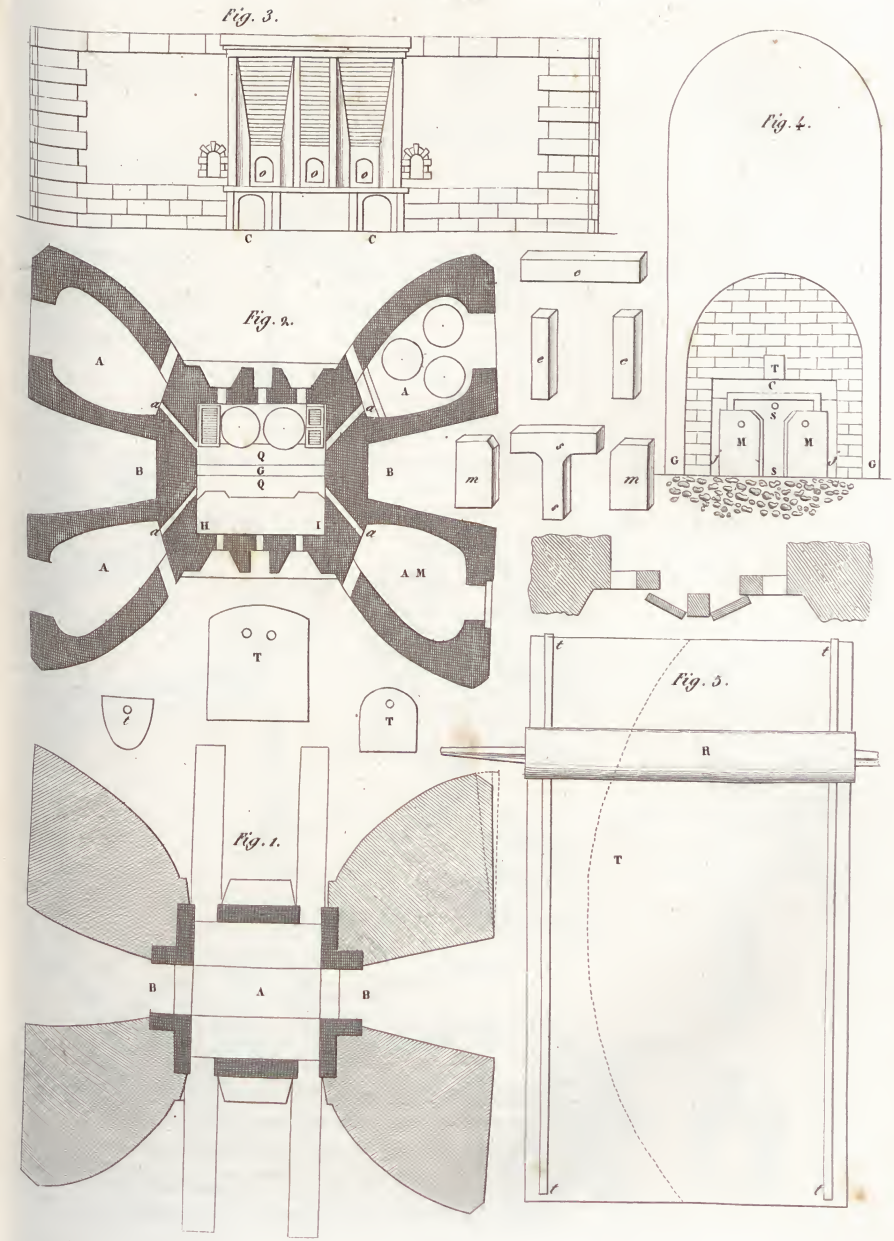

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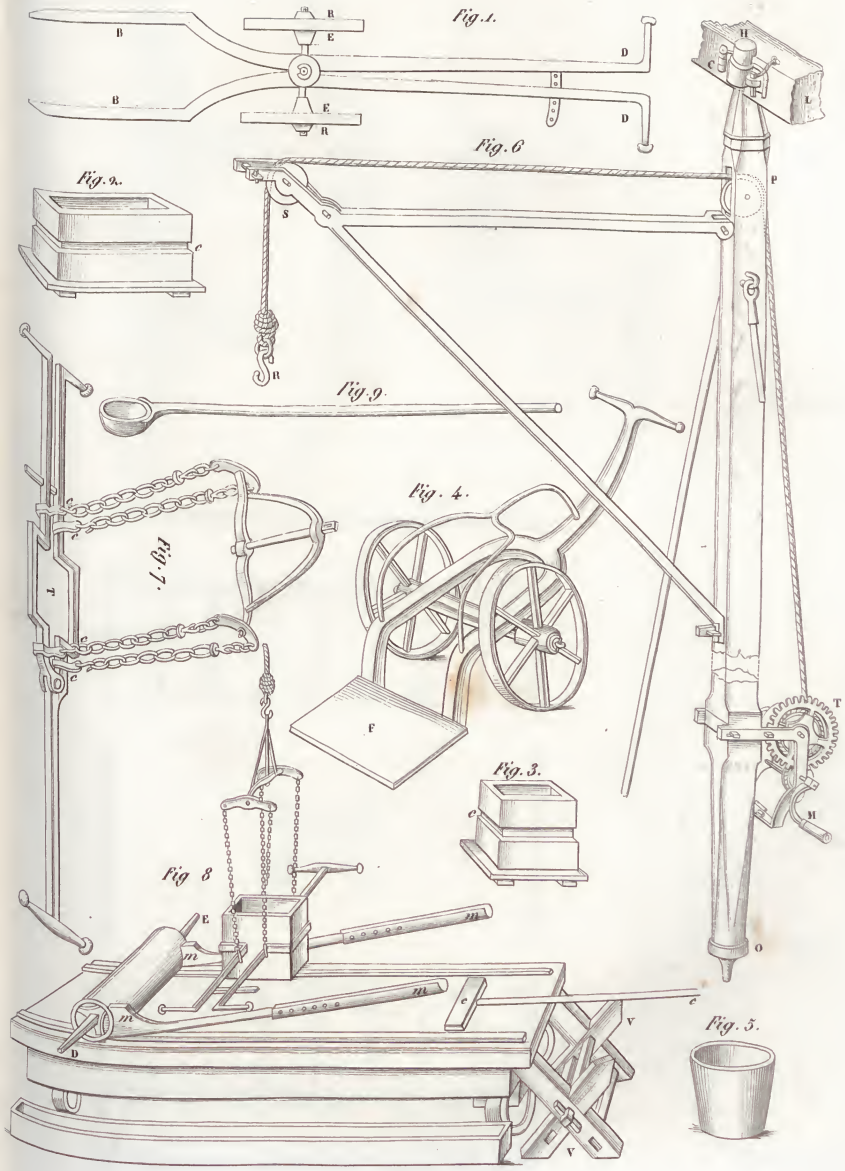
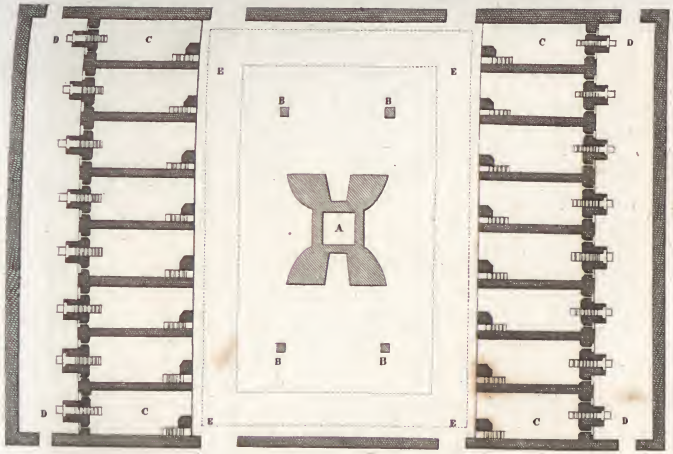


Fig. 1.



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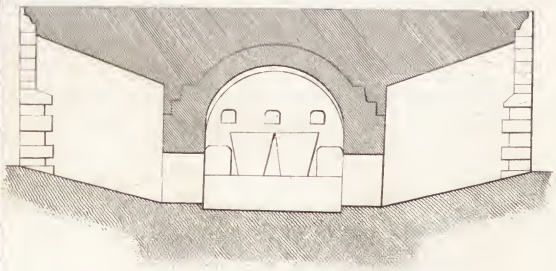


Fig. 4.

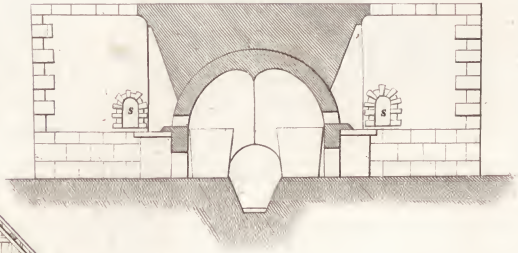
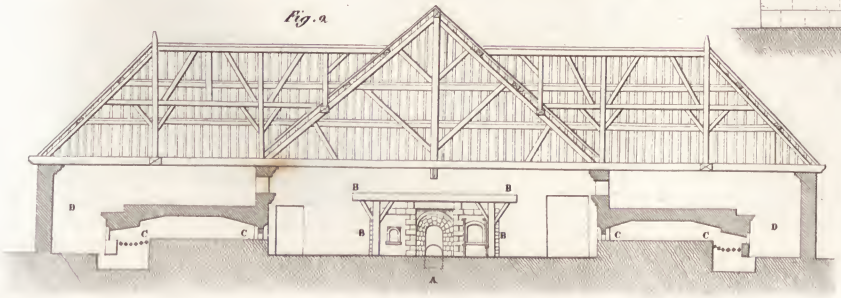
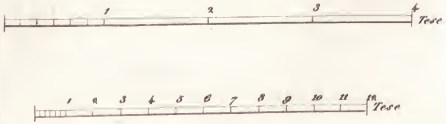
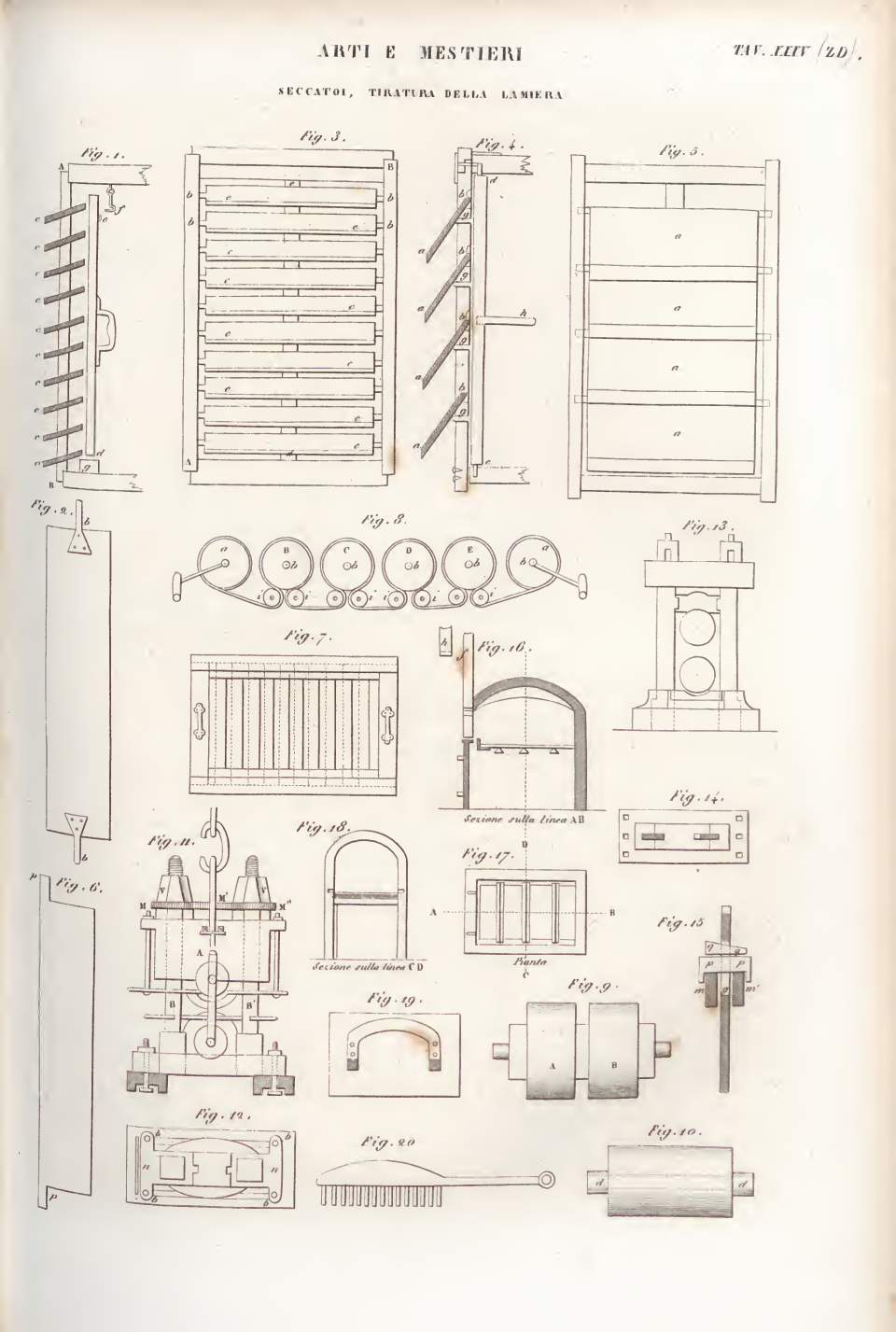


Fig. 2.

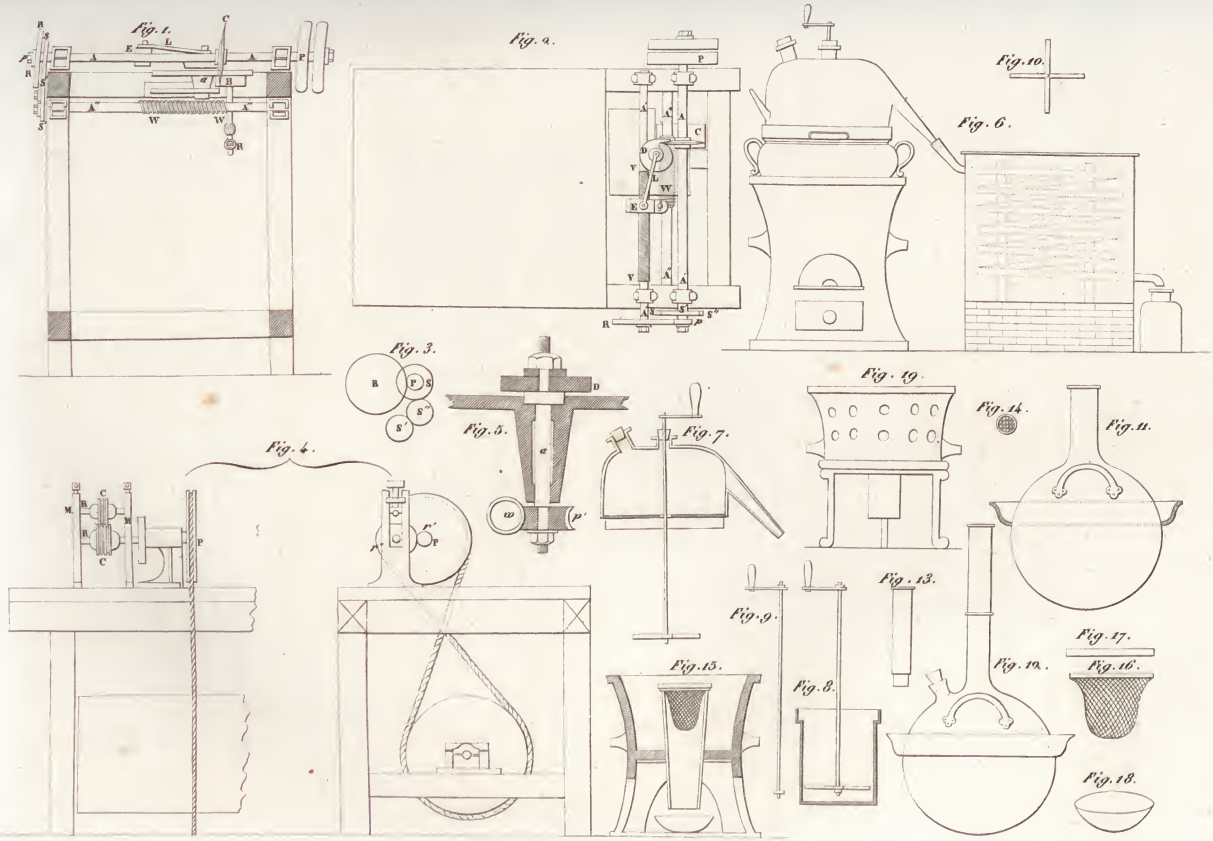




SECCATOI, TIRATURA DELLA LAMIERA



TELE INCERATE, TESSUTI ELASTICI, FILI DI GOMMA ELASTICA



TELAJO ALLA JACQUART

Fig. 2.

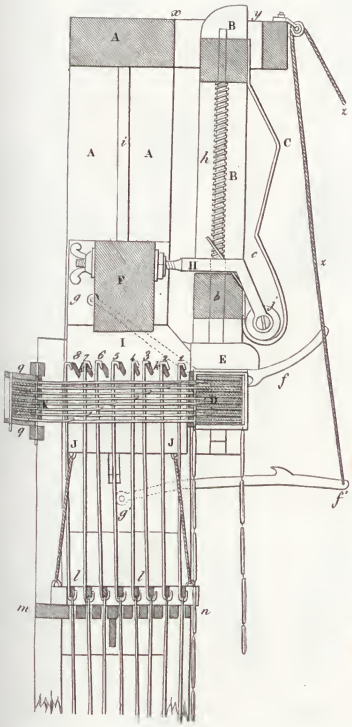


Fig. 1.

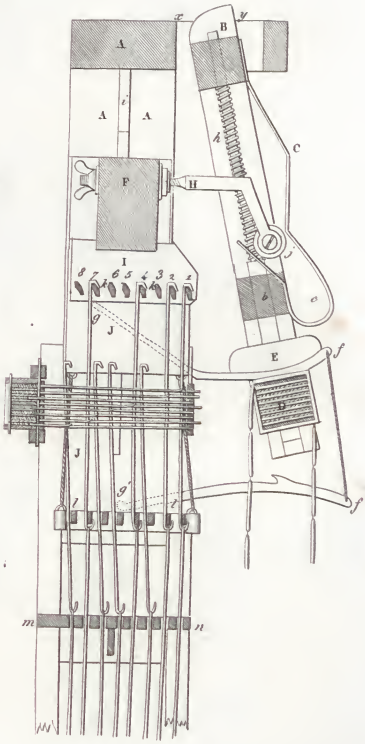


Fig. 4.

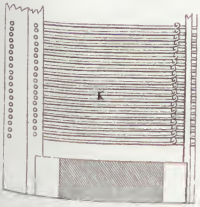
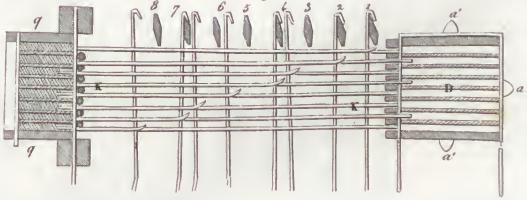


Fig. 3.



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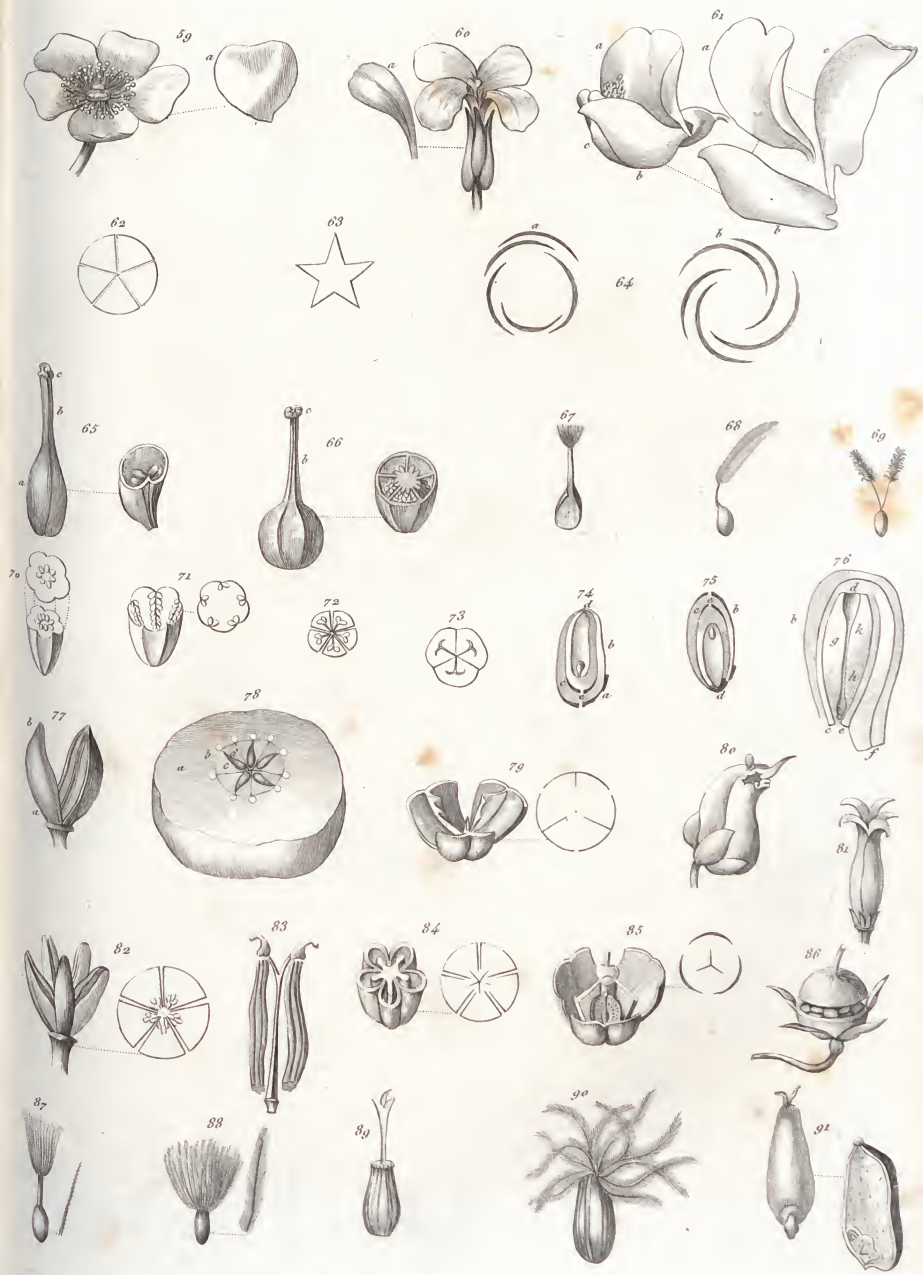
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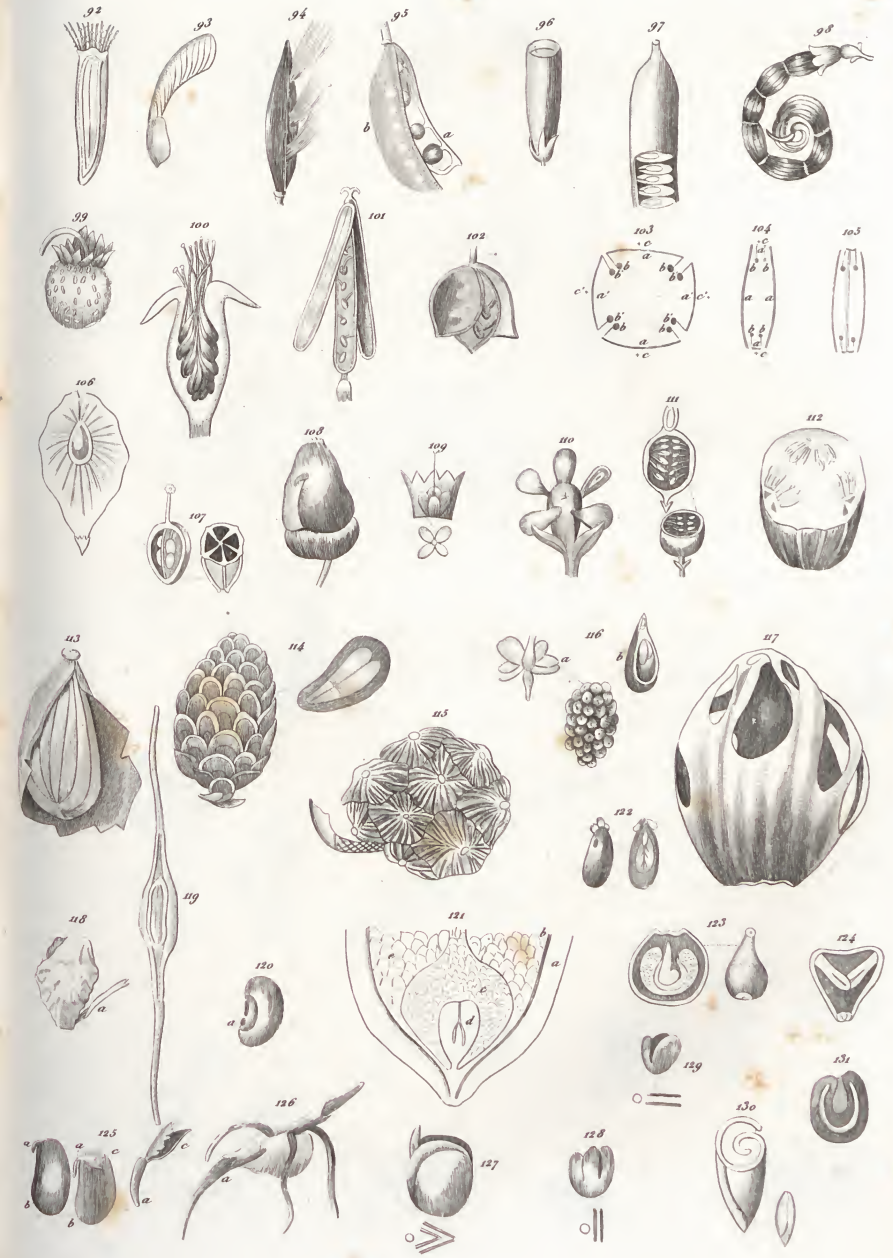
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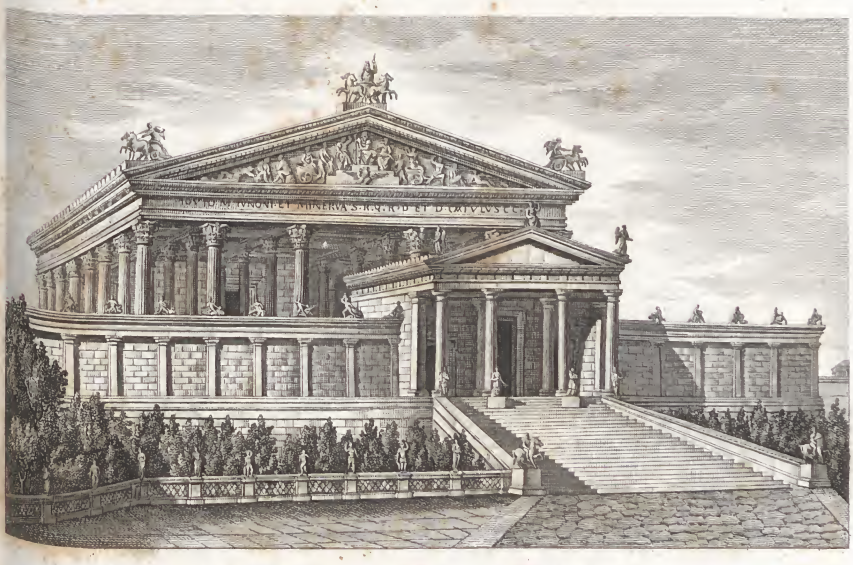
TEMPI ANTICHI



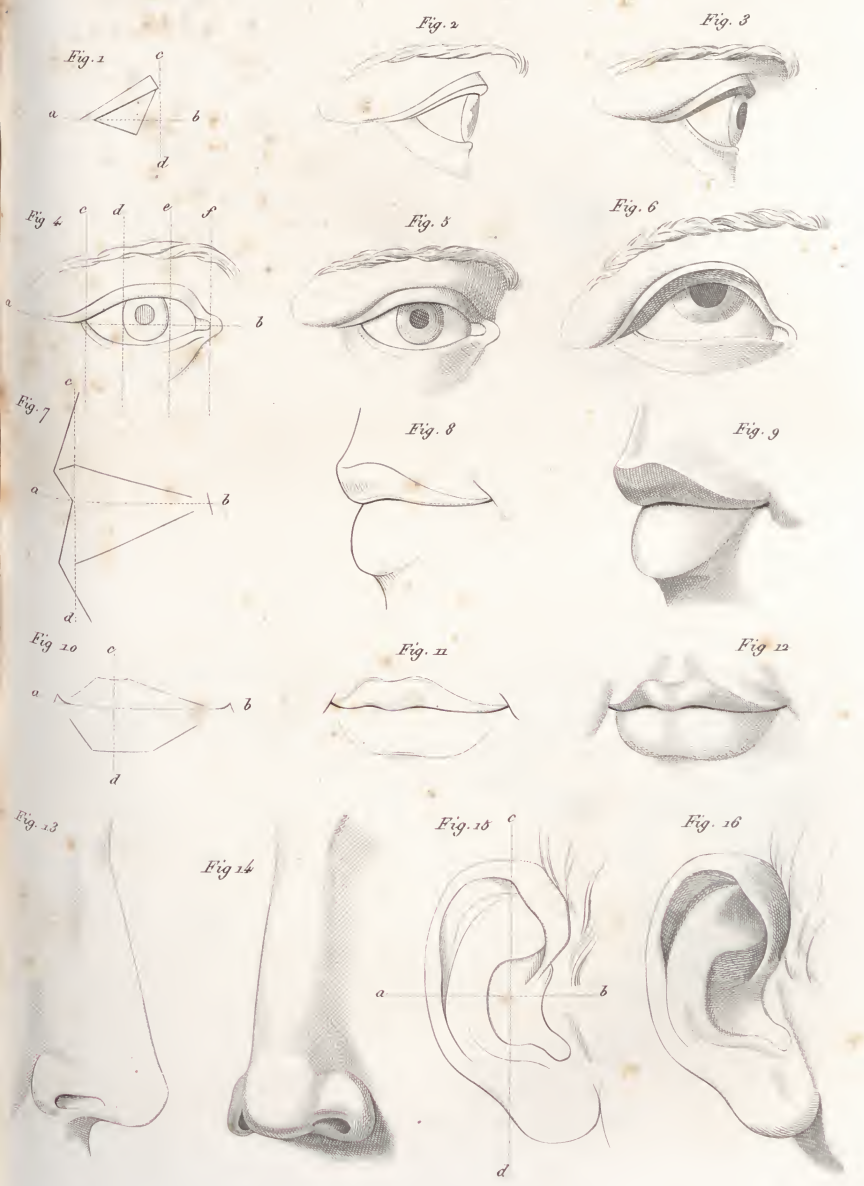
Tempio di Giove Capitolino

Gael. Bonatti inc.

Tempio di Giove e Giunone

Nel portico di Ottavia

PRINCIPII DI FIGURA



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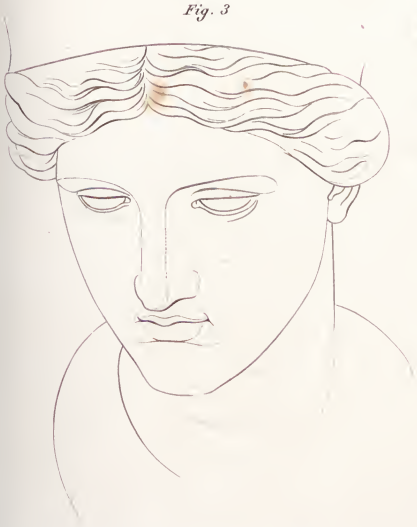

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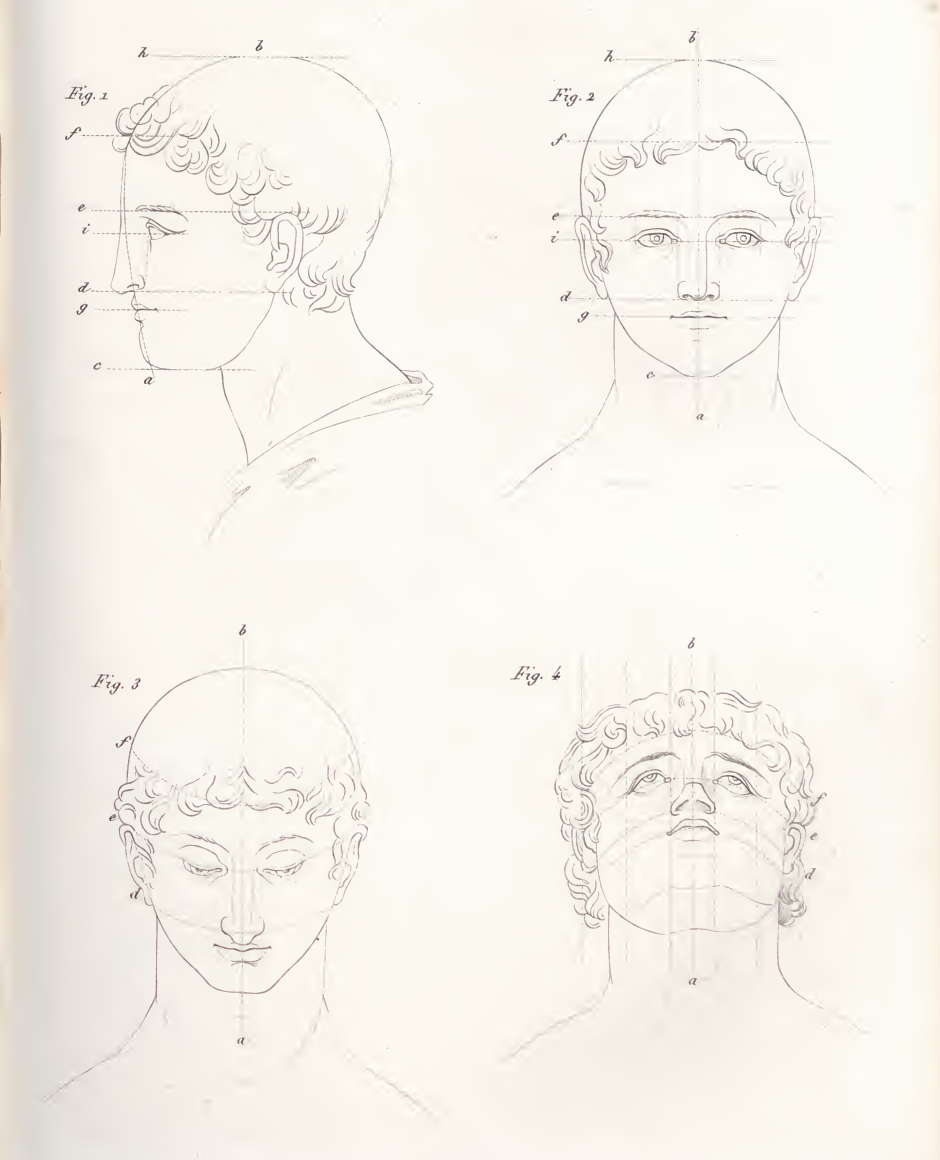


TESTE A CONTORNO, DA STATUE ANTICHE

Fig. 1

Fig. 2

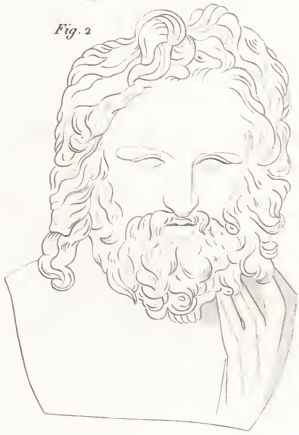


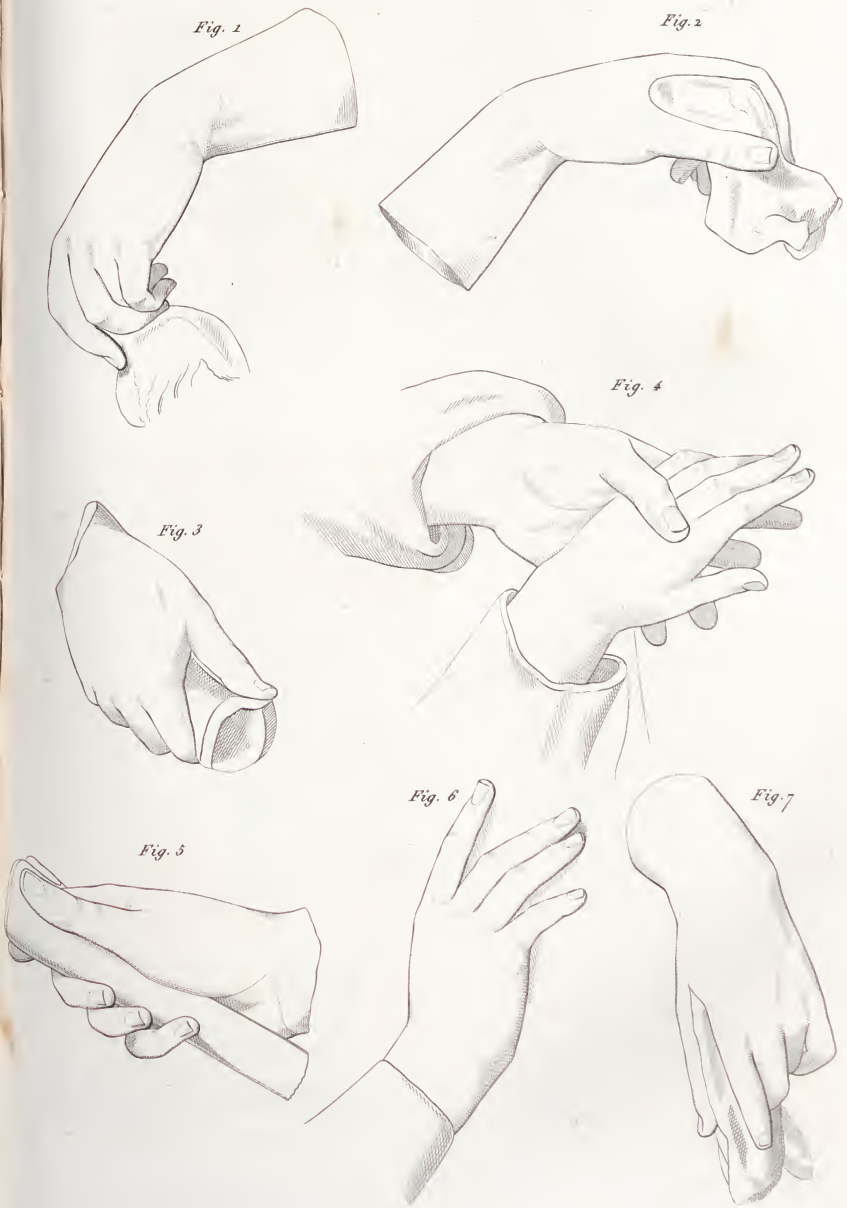
Fig. 5

Fig. 3

Fig. 4

DISEGNO

ESTREMITA'



STATUE ANTICHE

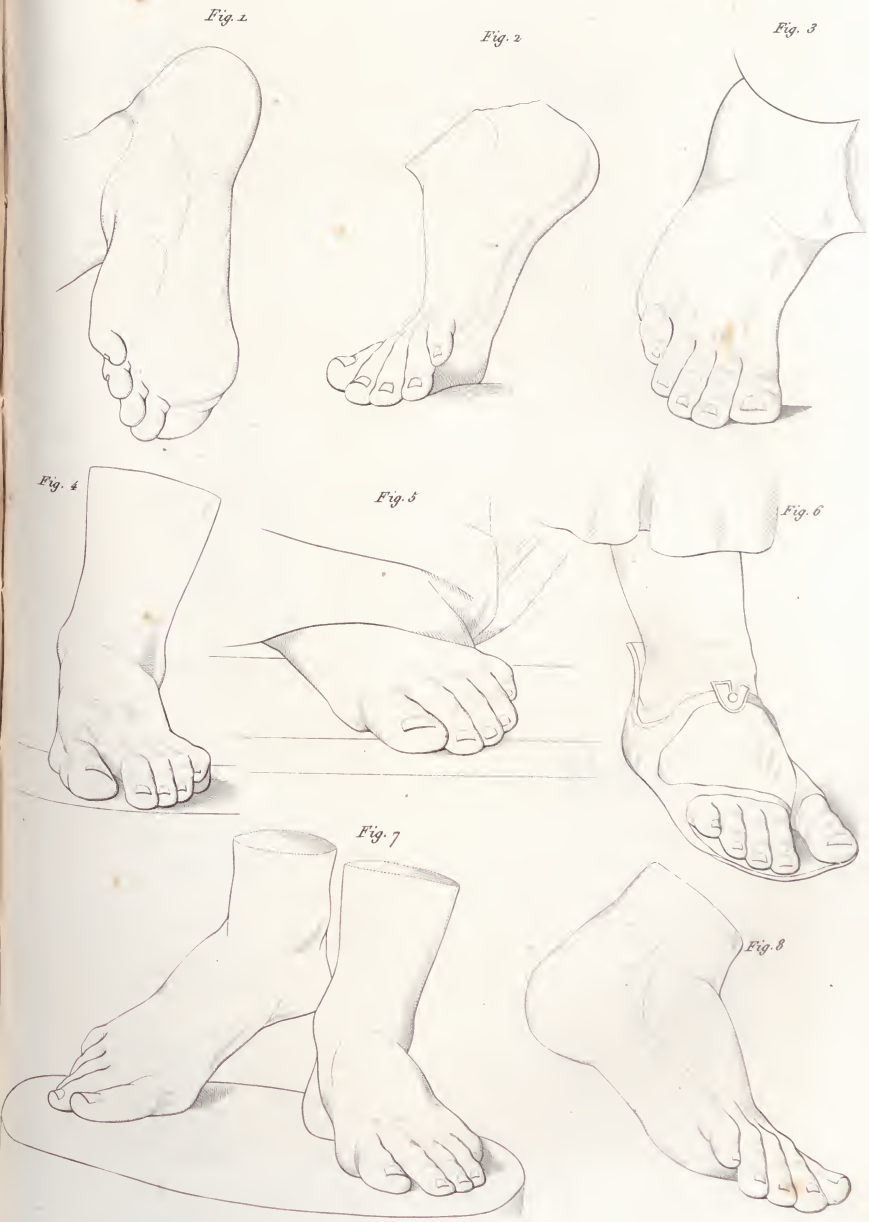
Apollo di Belvedere

Giove

Ninfa dalla conchiglia

Putto con oca

ESTREMITA'



STATUE

Fig. 1

Venere Medicea

Fig. 2

Ebe di Canova

Fig. 3

Giovane che si trae una spina dal piede (Statua antica)

Fig. 4

Venere al bagno

TESTE ANTICHE AIUTATE DI MEZZ' OMBRA

STATUE ANTICHE

Niobe e figlia

Ercole Farnese

Calliope

Lottatori

TUNNEL

Fig. 14.

Fig. 13.

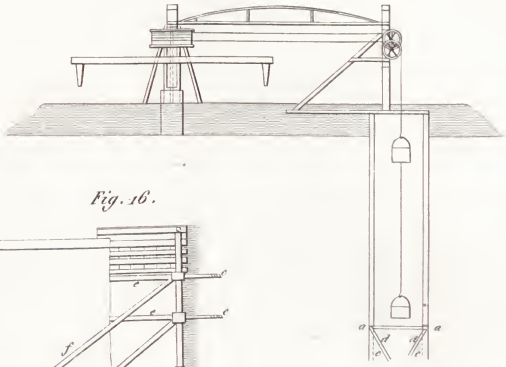


Fig. 16.

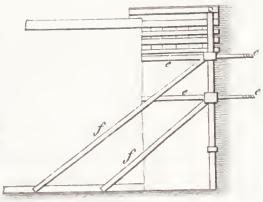
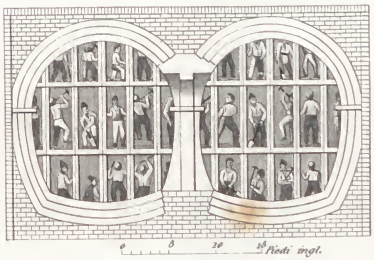


Fig. 8.

Fig. 9.

Fig. 17.



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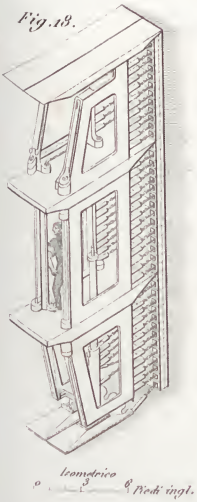

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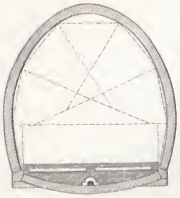
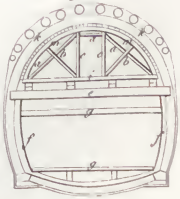
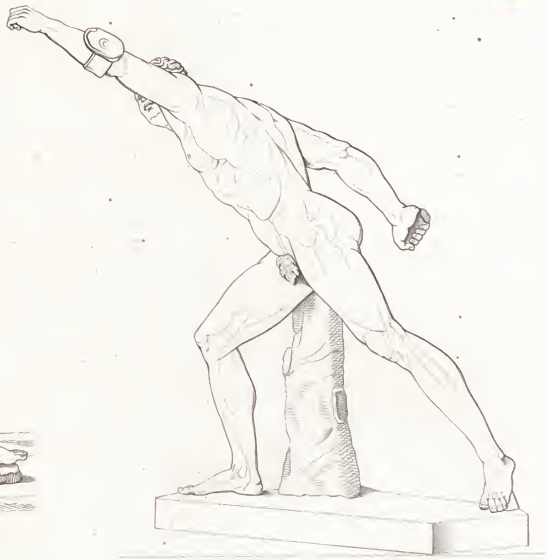


Fig. 15.



STATUE. E PITTURA

Bacco fanciullo, Sileno ed una baccante
(pittura antica d'Ercolano)



Il Gladiatore Borghese

Diana Borghese

Il Pudore (statua moderna) N.ro 172 incis.

STATUE ANTICHE

Paride, o Ganimede

Laocoonte ed i suoi figli

Gladiatore morente

Fac-simile del frontespizio della Bibbia Pauperum.

VIADUTTI

Fig. 2.

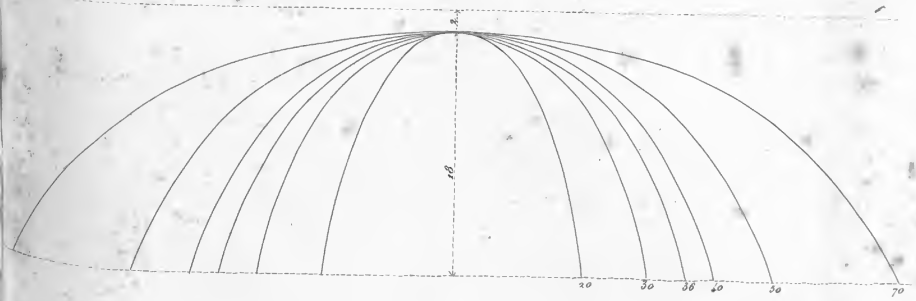


Fig. 3.

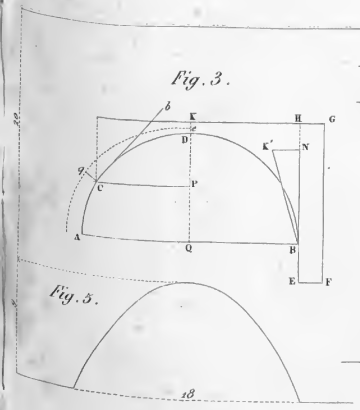


Fig. 1.

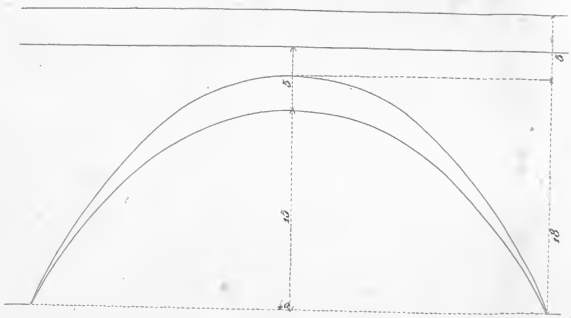
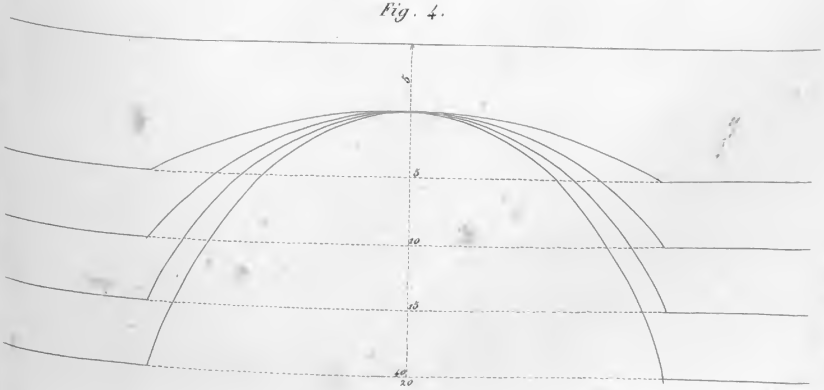


Fig. 5.

Fig. 4.



TUNNEL

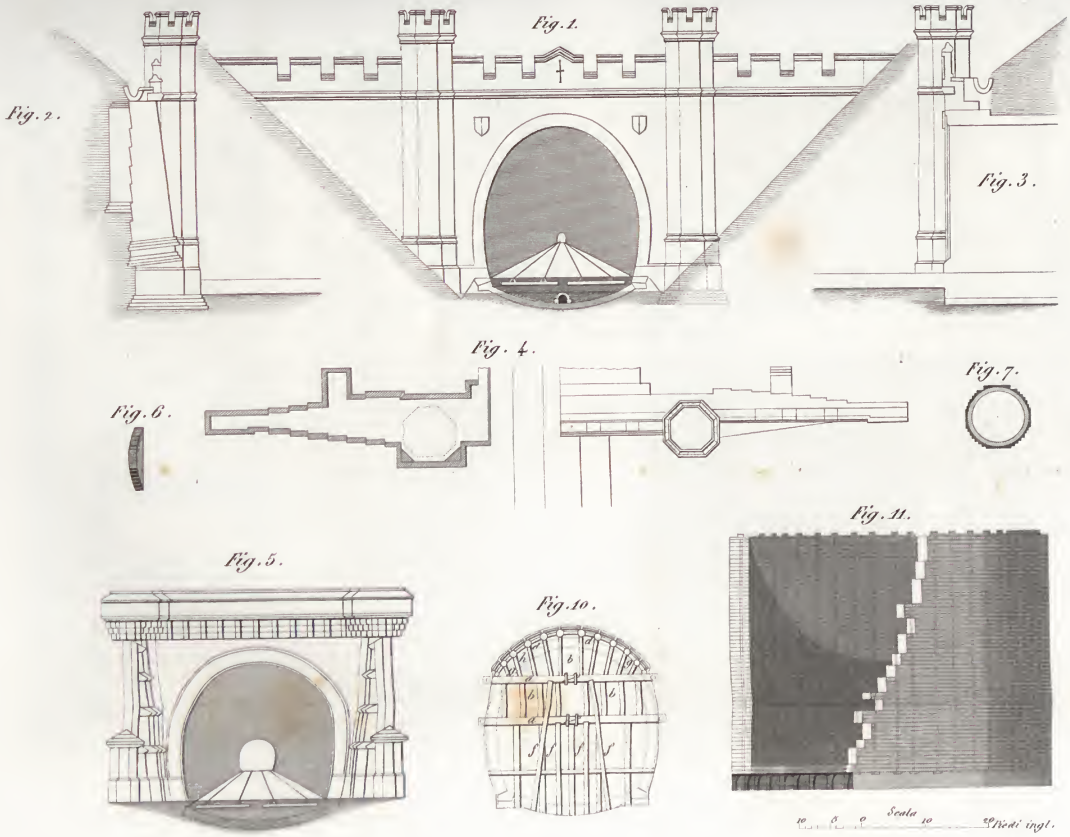


Fig. 1.
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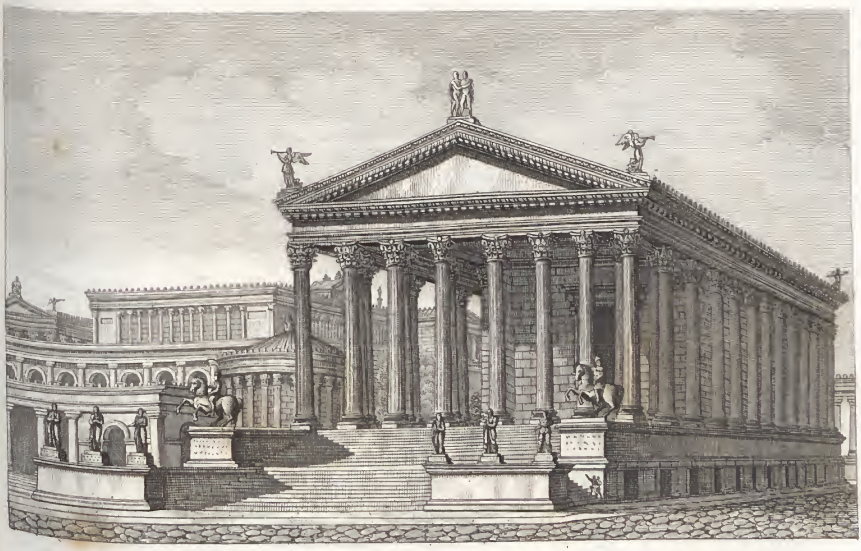
Fig. 4.
Fig. 6.
Fig. 7.
Fig. 5.
Fig. 10.
Fig. 11.
10 5 0 Scala 10 20 Piedi ingl.

TEMPI ANTICHI

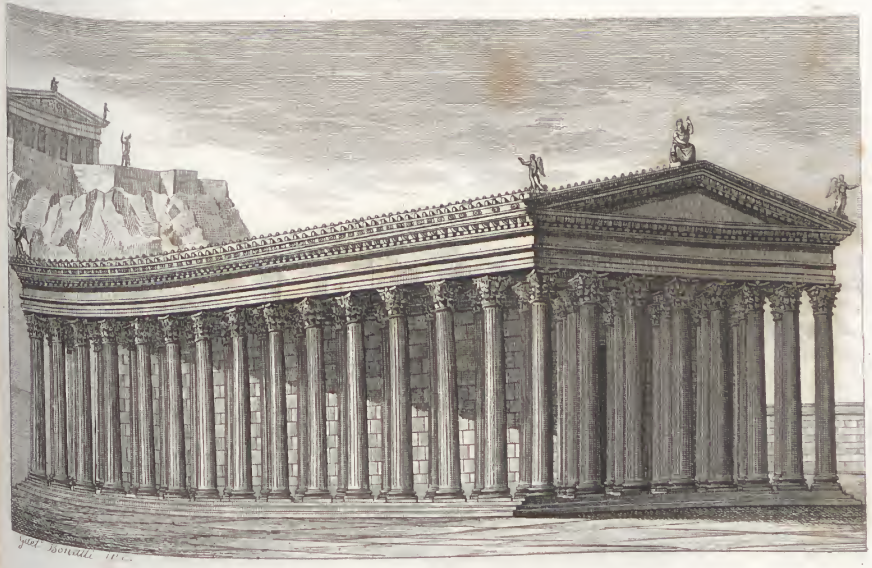
Tempio Jonico in Atene | *Tempio di Minerva Sunïade*

Tempio Periptero di Selinunte

TEMPI ANTICHI



Tempio di Castore e Polluce



Tempio di Giove Olimpico in Atene

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Fig. 53

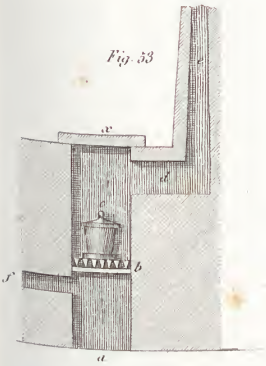


Fig. 54

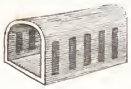


Fig. 55

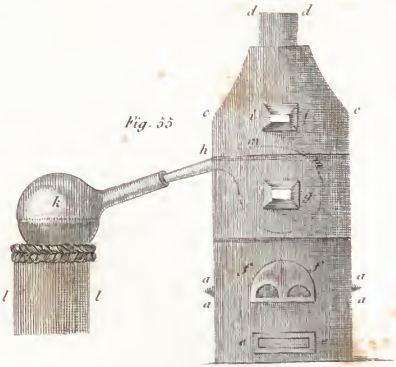


Fig. 56

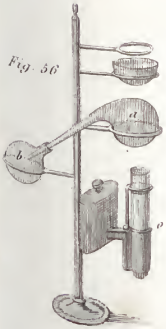


Fig. 57

Fig. 58

Fig. 59

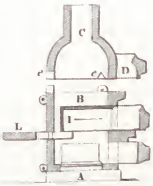


Fig. 60

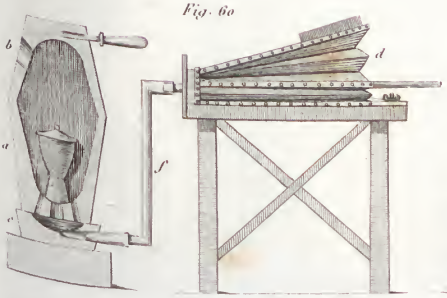


Fig. 61

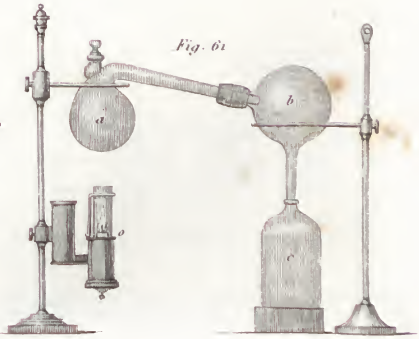


Fig. 62

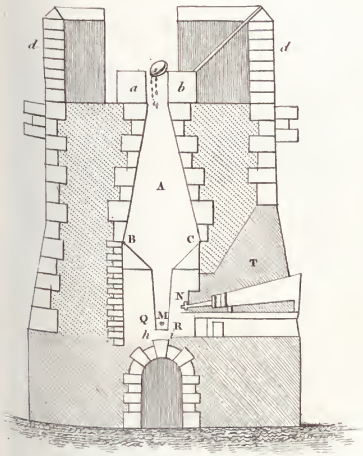


Fig. 63

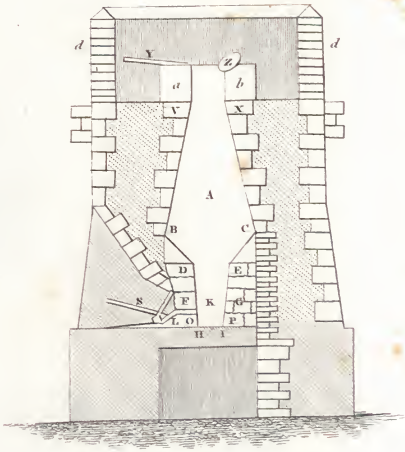


Fig. 64

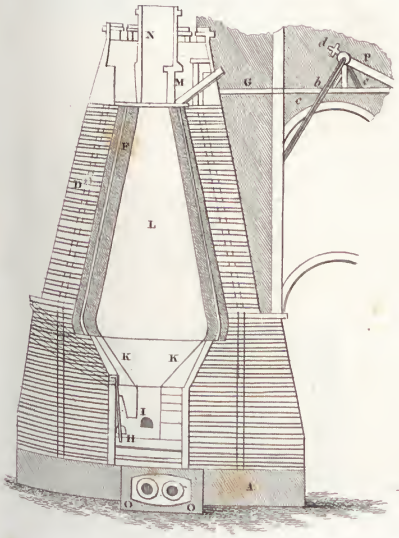


Fig. 65

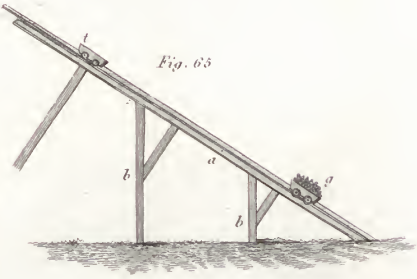
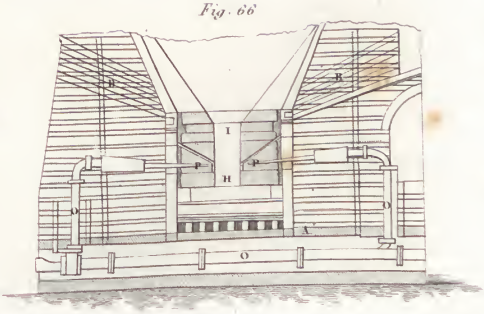


Fig. 66



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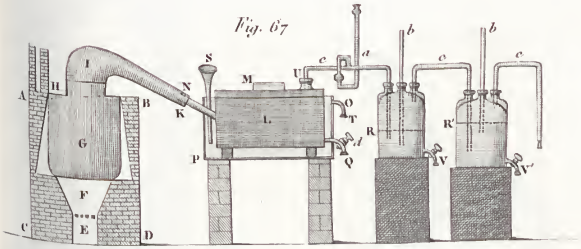
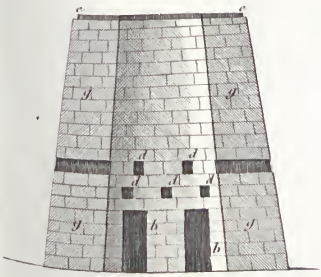


Fig. 68

Fig. 69



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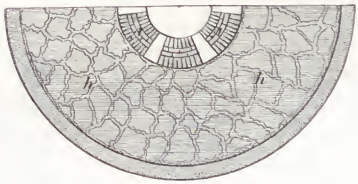

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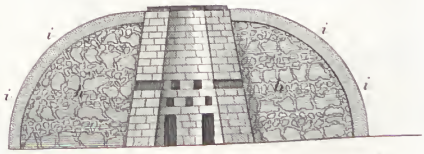

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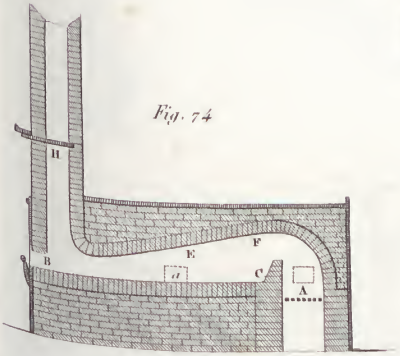

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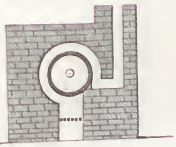

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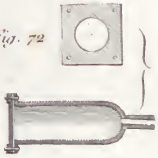

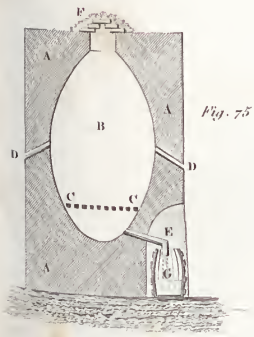
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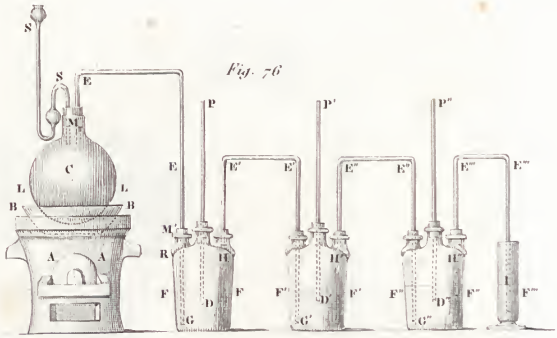
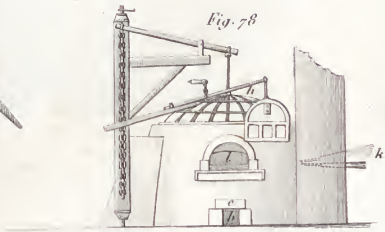


Fig. 76

Fig. 82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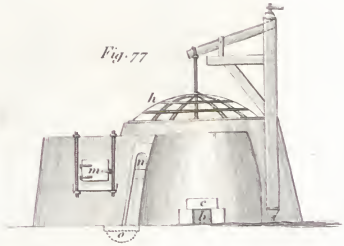
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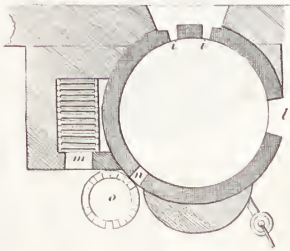
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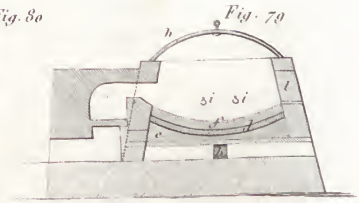
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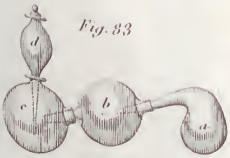
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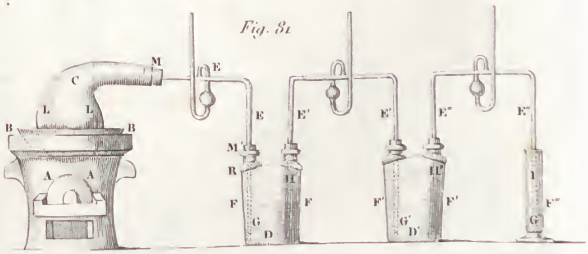
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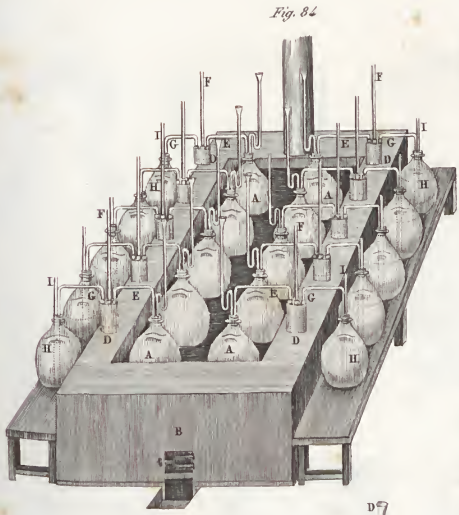
Fig. 84
A
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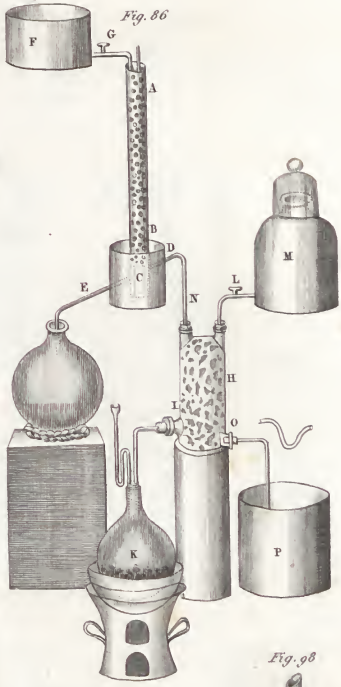
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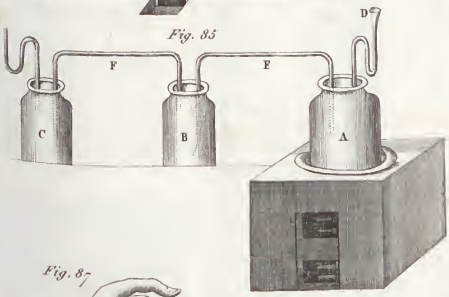
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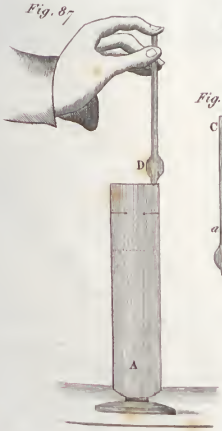
F
F
C
B
A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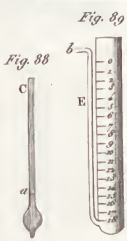
Fig. 89
b
E

Fig. 88
C
a

Fig. 91
F

Fig. 93
G

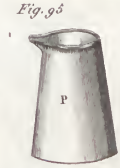
Fig. 95
P

Fig. 94
B

Fig. 96
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Q

Fig. 97
R

Fig. 98
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Fig. 99
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Fig. 90
M

Fig. 92
H

Fig. 100

Fig. 101

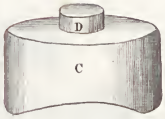
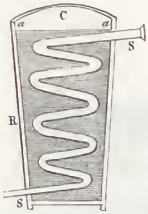


Fig. 102

Fig. 103

Fig. 104

Fig. 105



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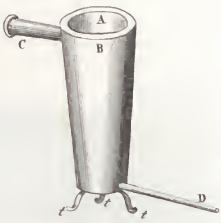

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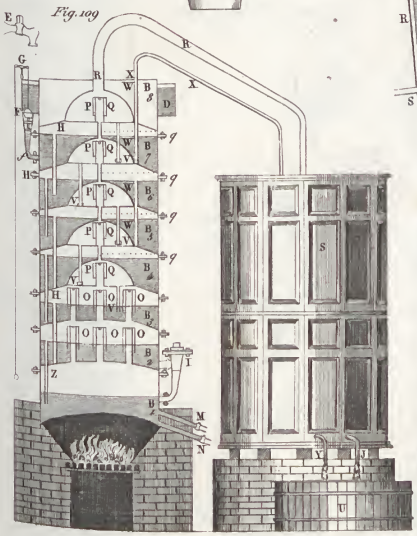

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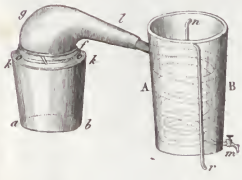


Fig. 108

Fig. 110

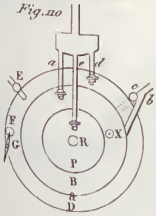
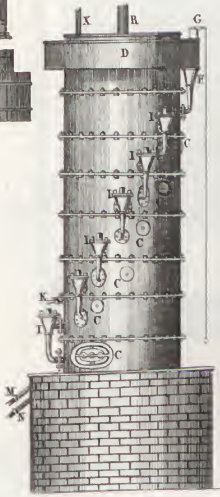


Fig. 113

Fig. 114



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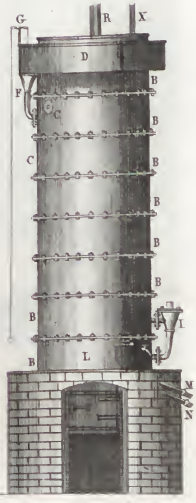


Fig. 111

Fig. 112

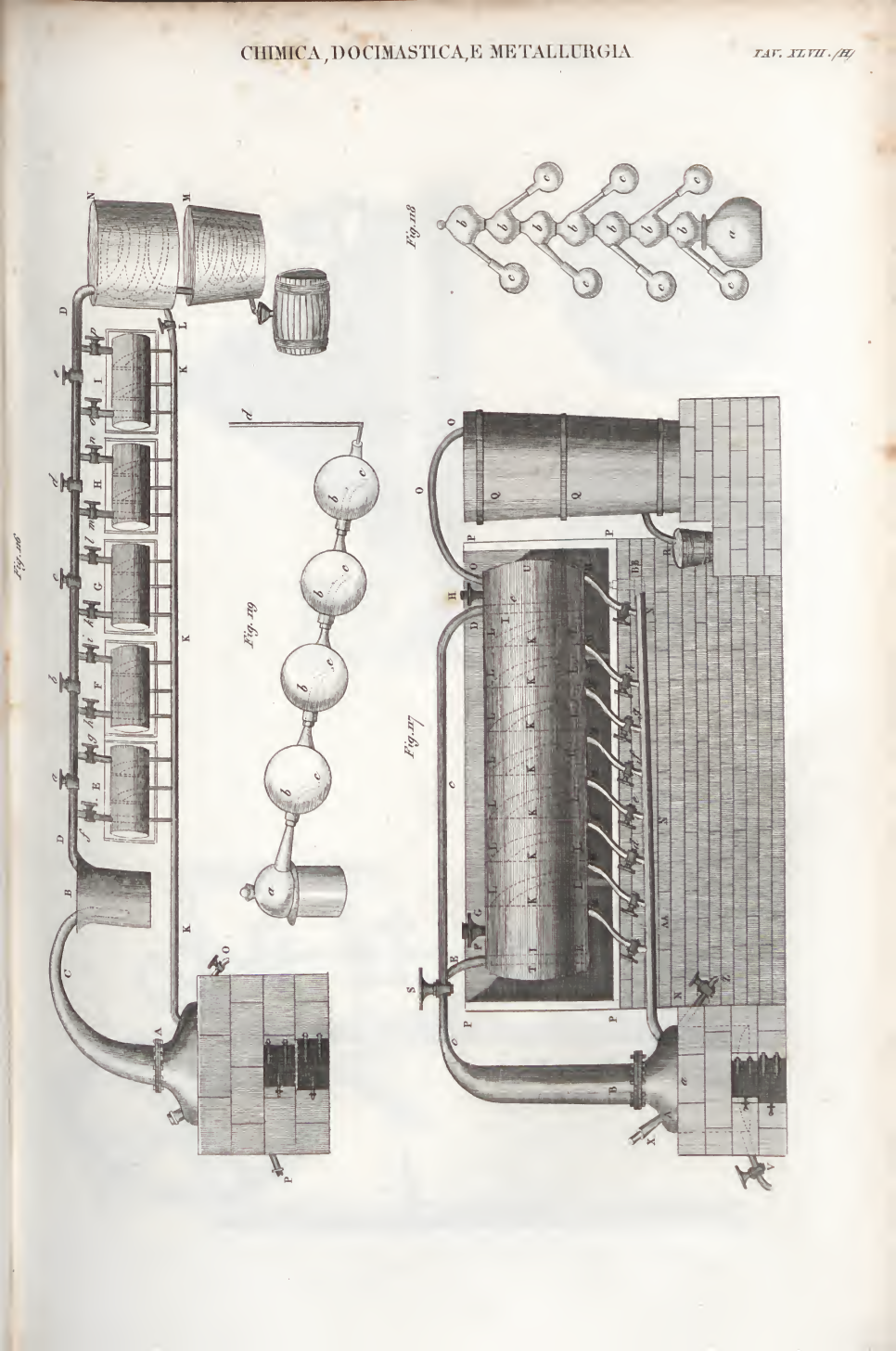
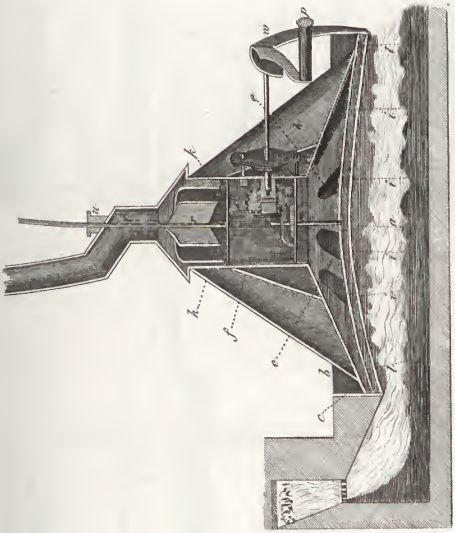


Fig. 16
Fig. 17
Fig. 18
Fig. 19



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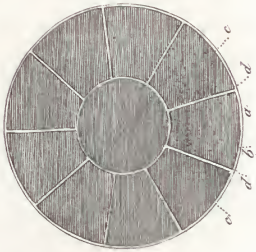

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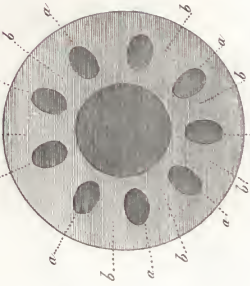

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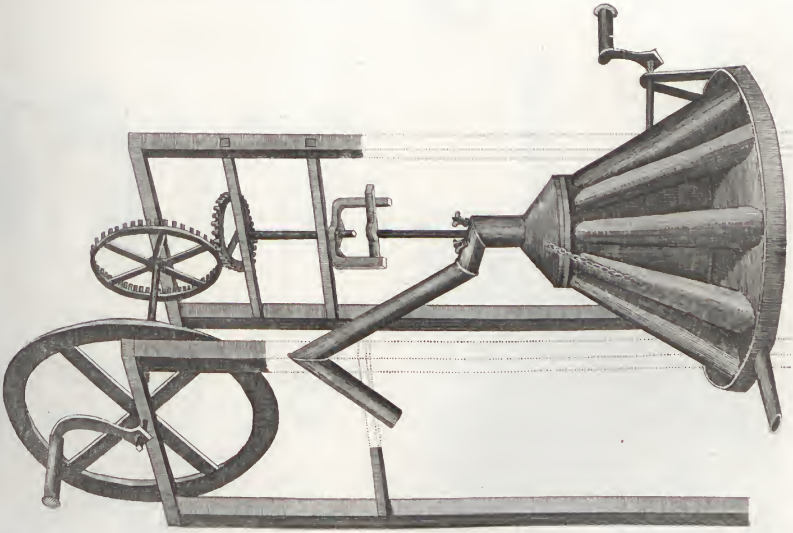


Fig. 123

Fig 124

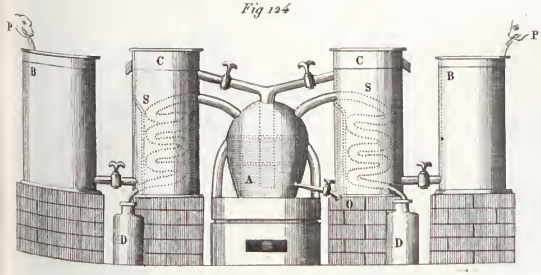


Fig 125

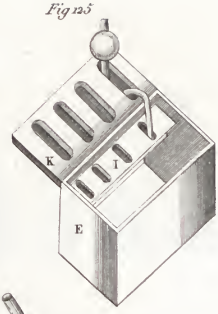


Fig 126

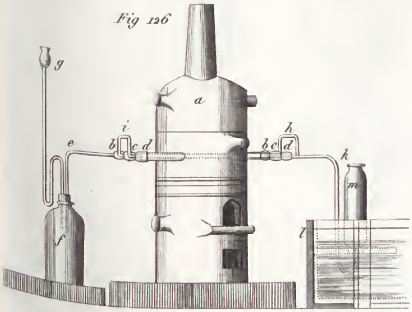
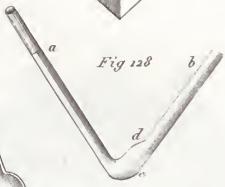


Fig 127

Fig 128



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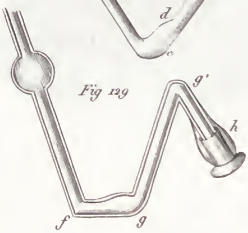

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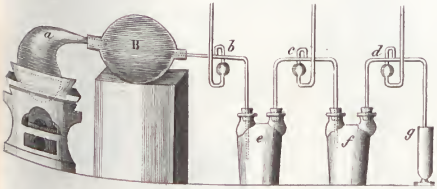


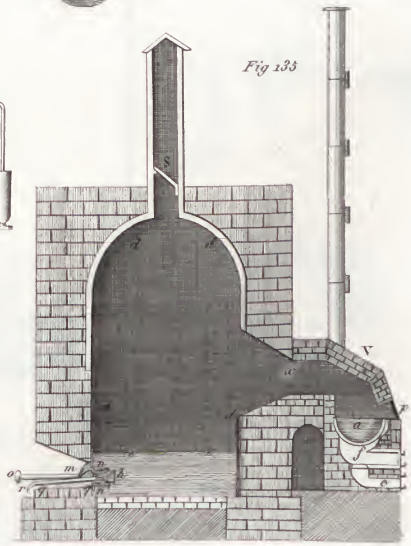
Fig 131

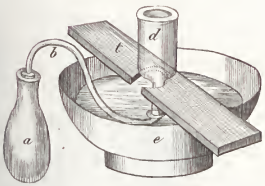
Fig 132

Fig 133

Fig 134

Fig 135

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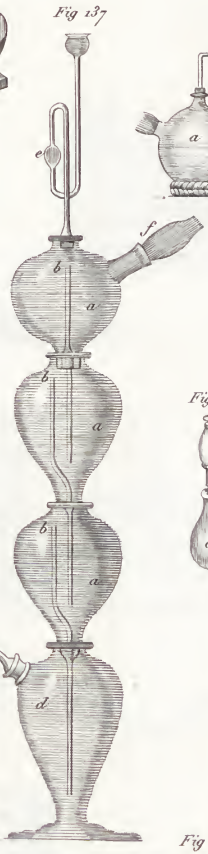
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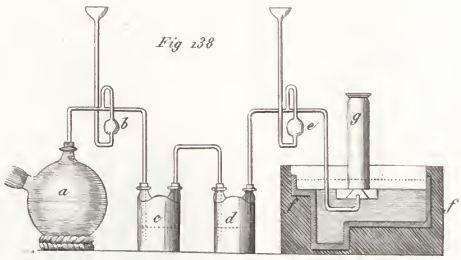
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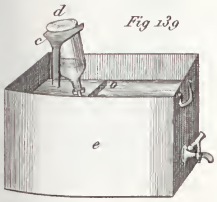
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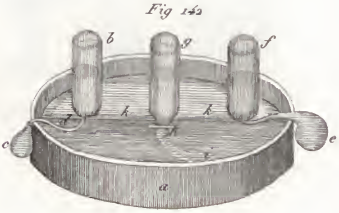
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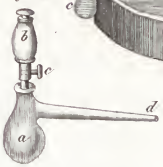
Fig 141

Fig 140

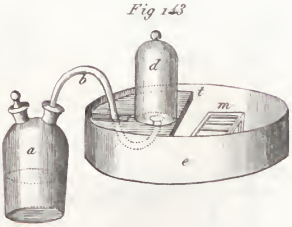
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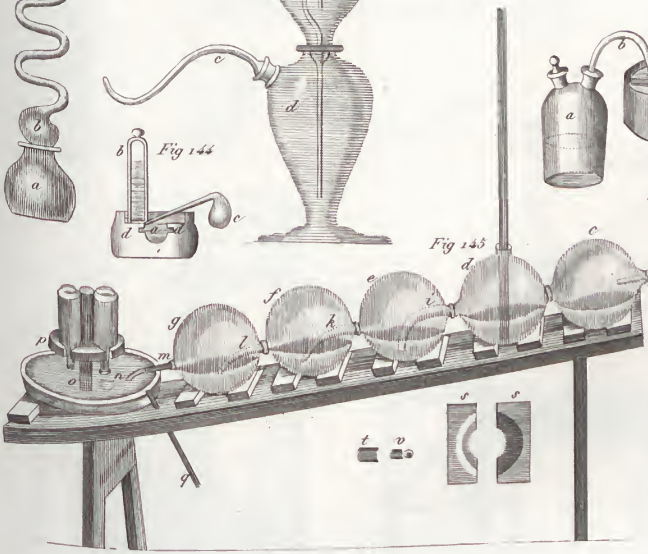
Fig 144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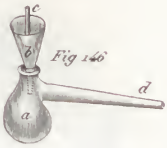
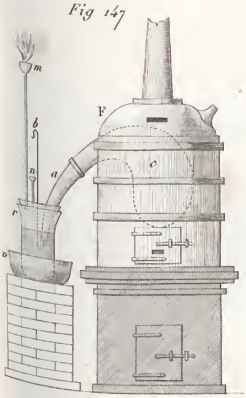


Fig 146

Fig 147



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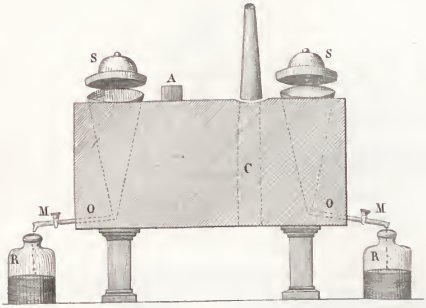

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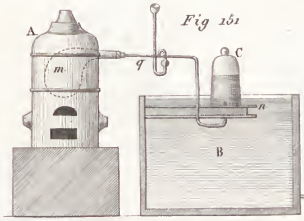

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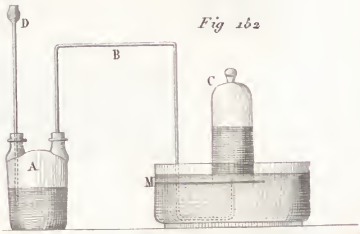

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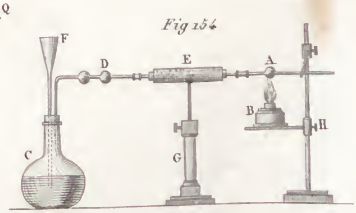

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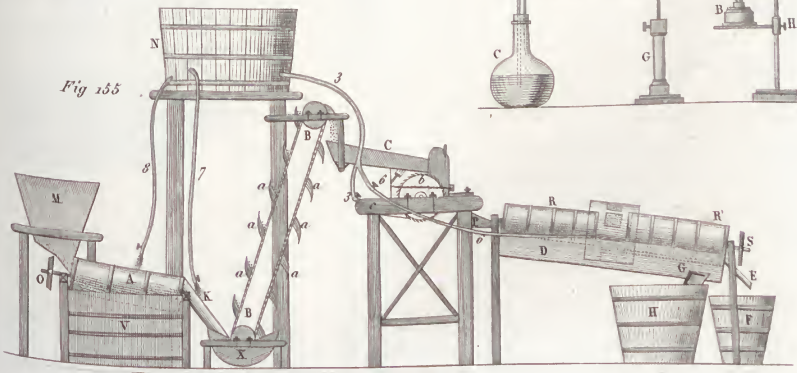

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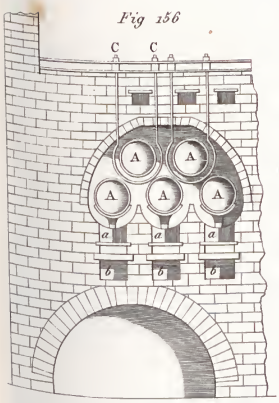

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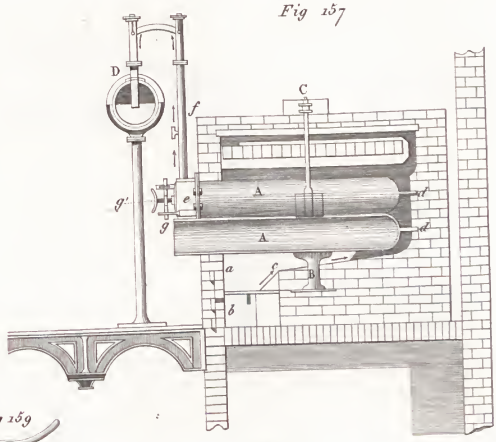

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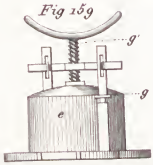

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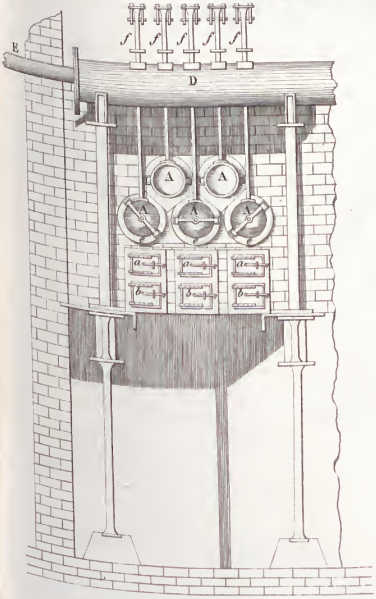

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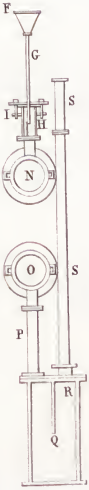

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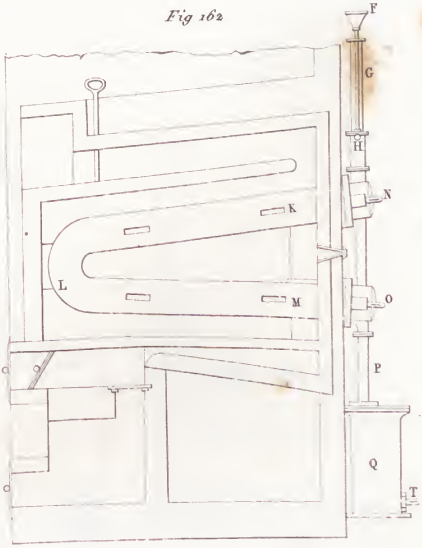

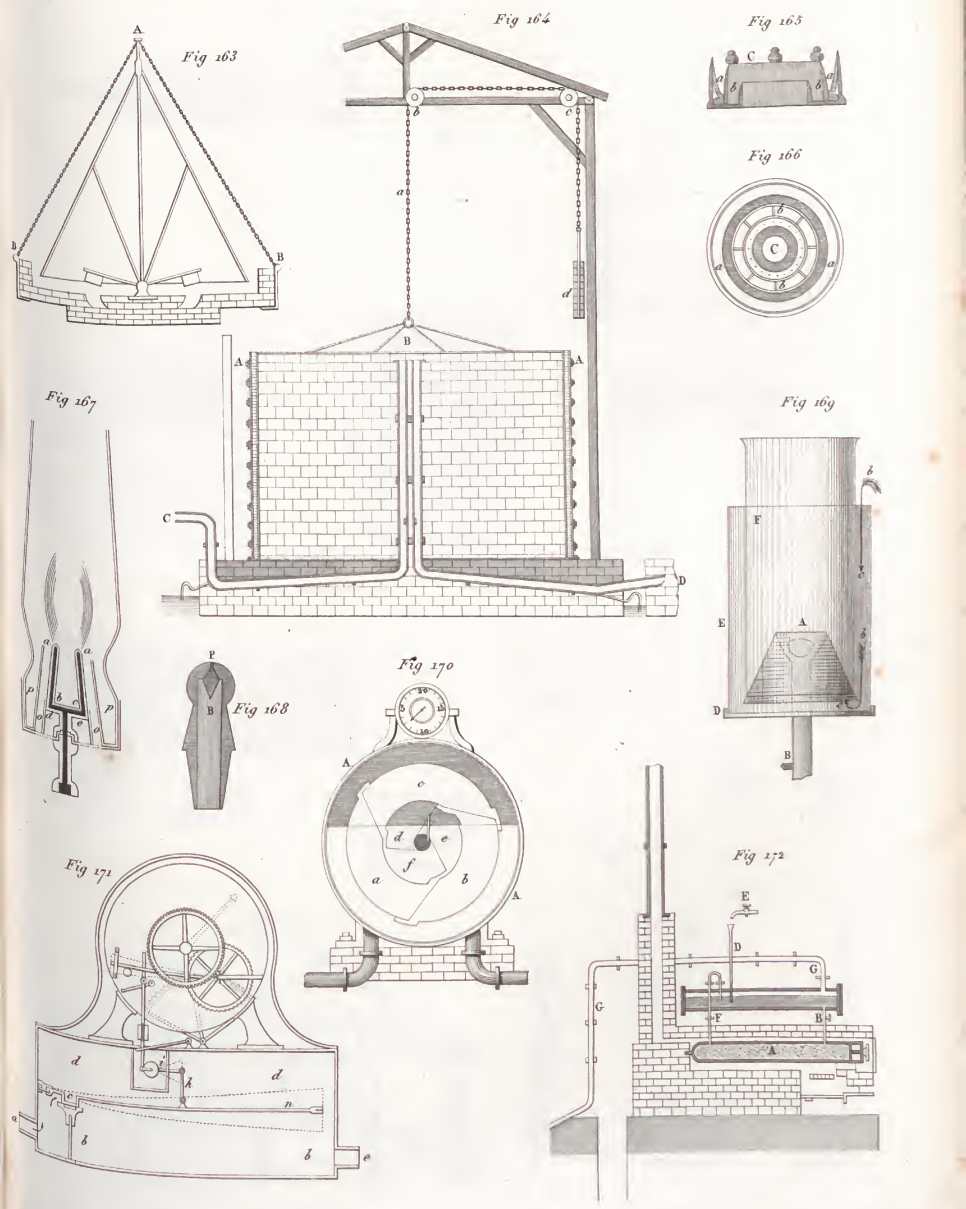
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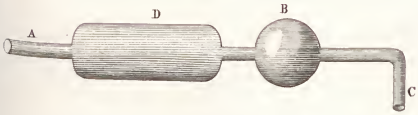

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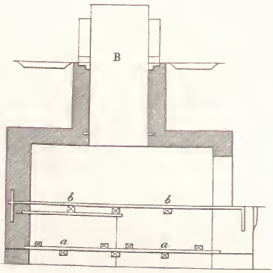

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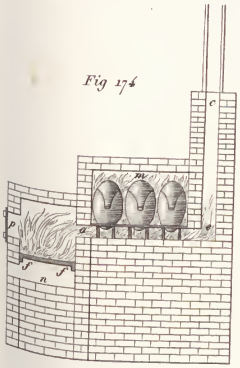

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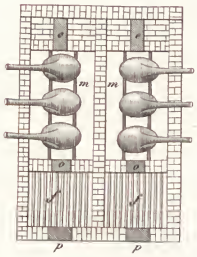

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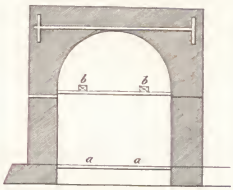

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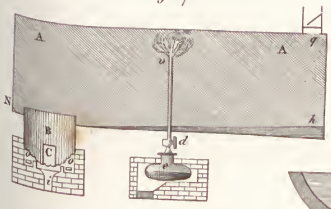

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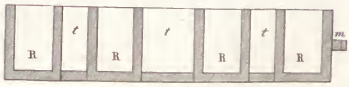

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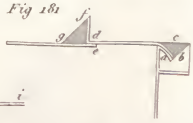

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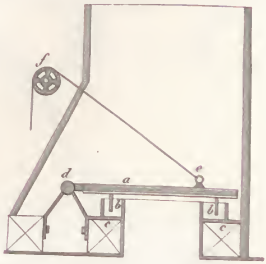

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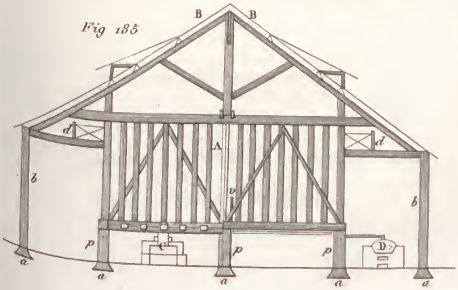

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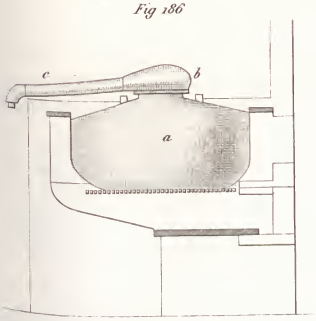

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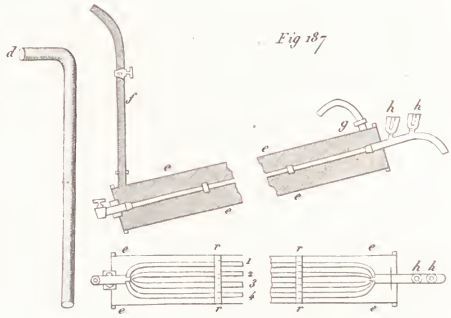

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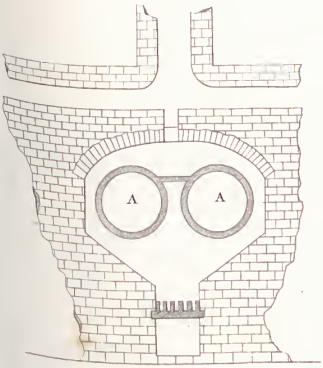

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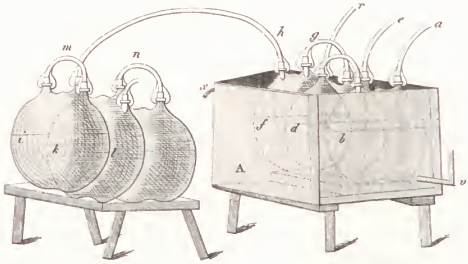

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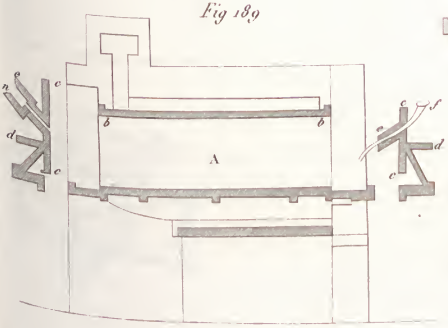

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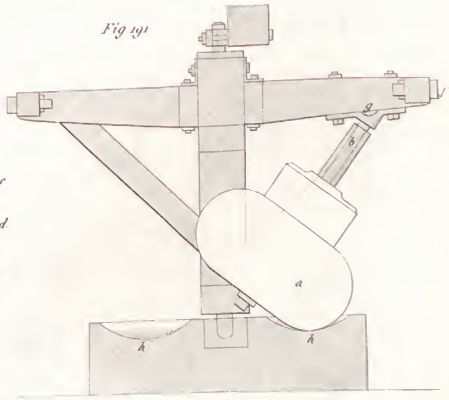

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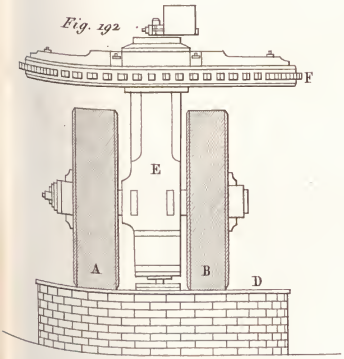

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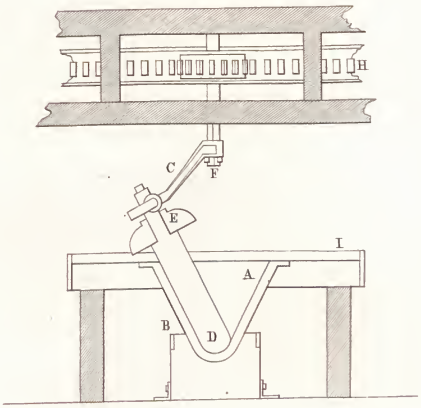

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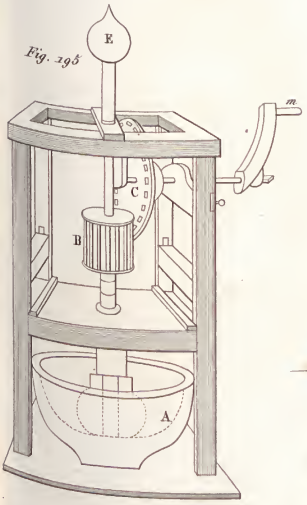

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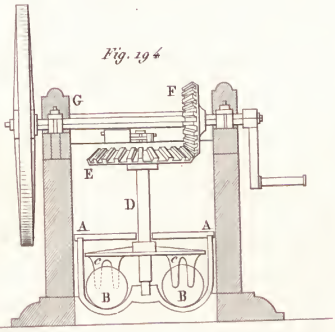

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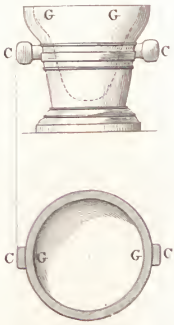

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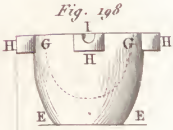

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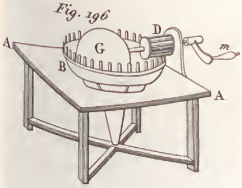

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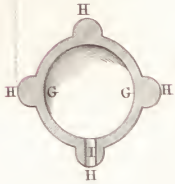

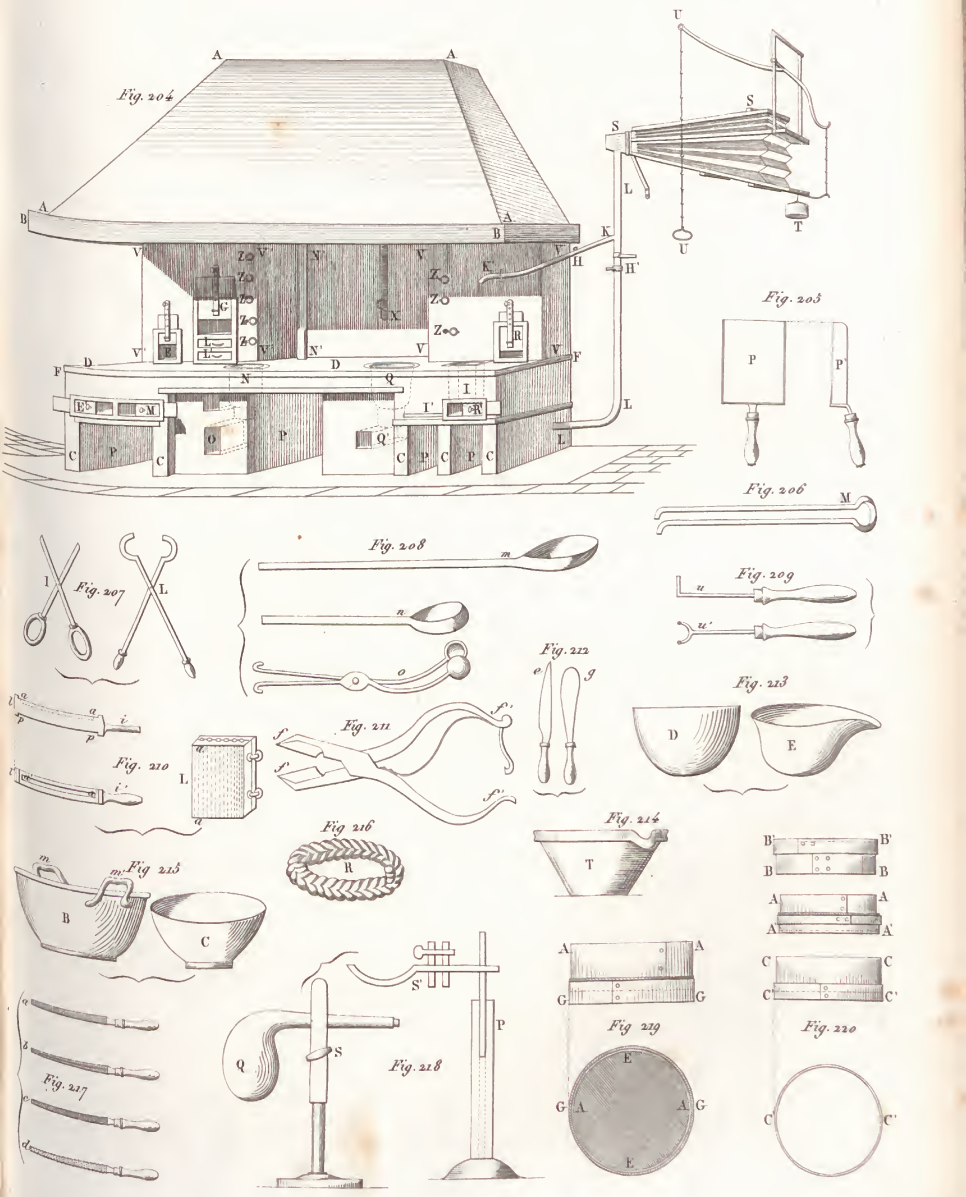
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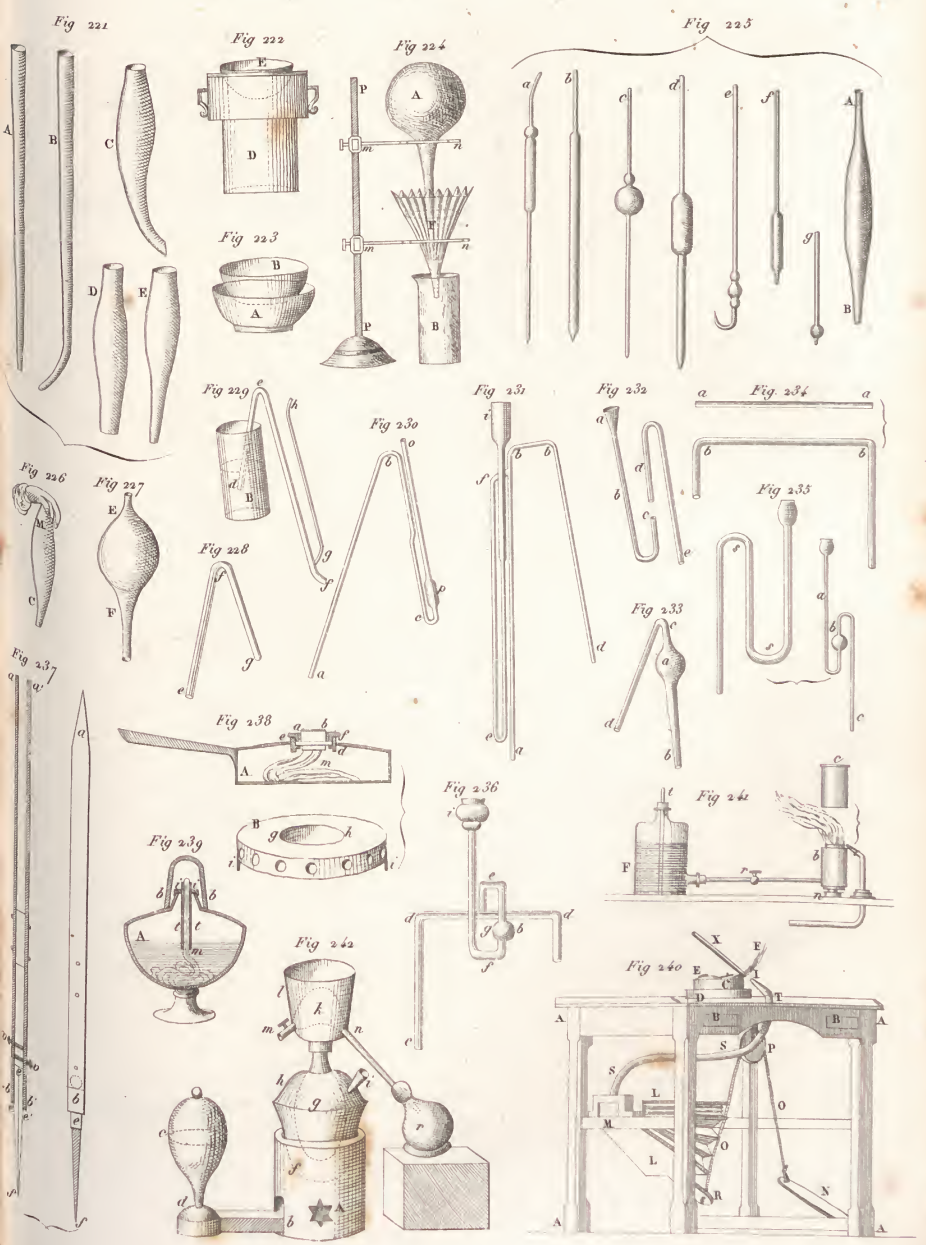
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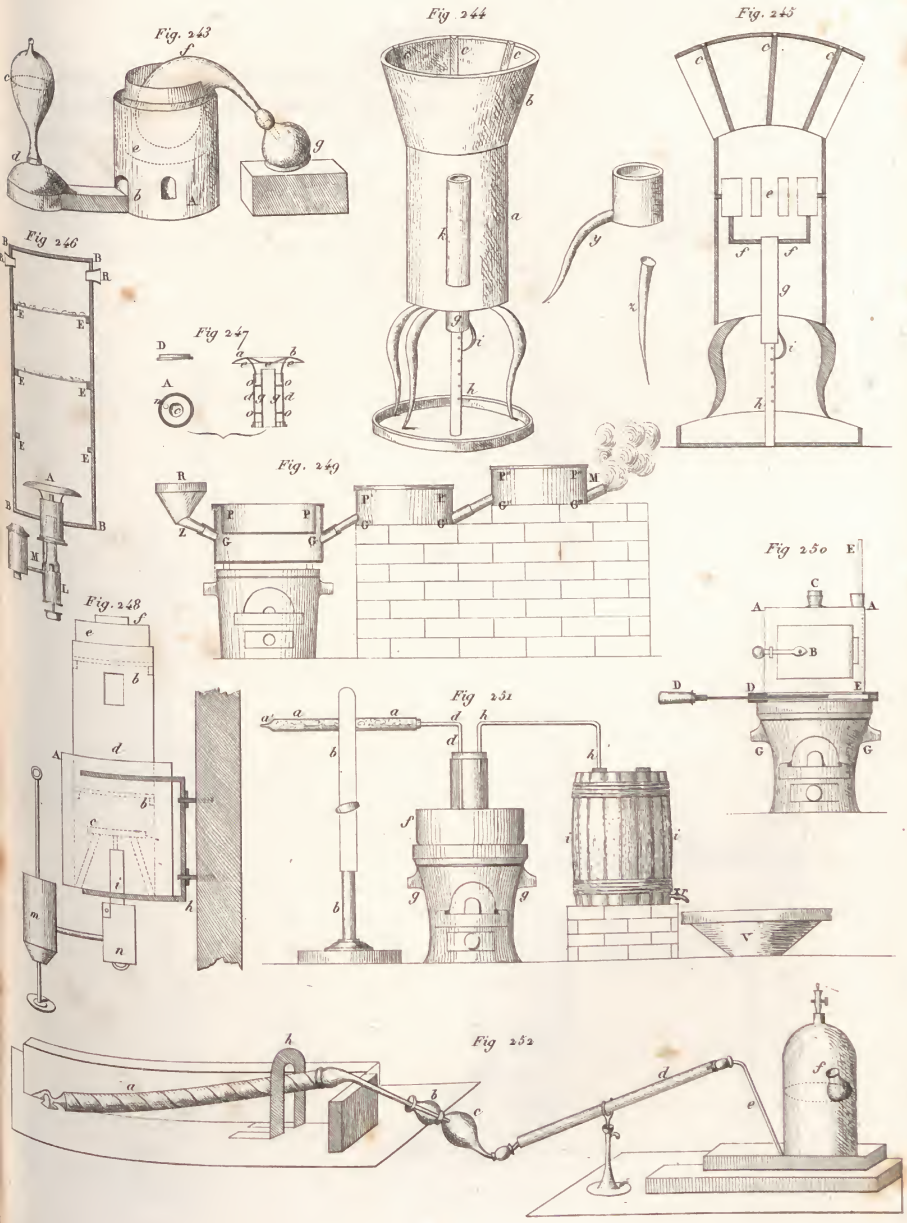
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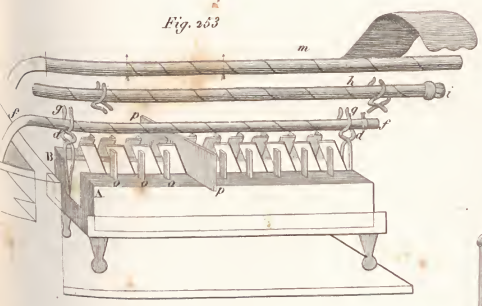

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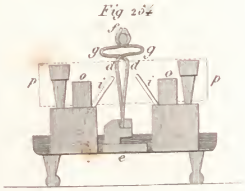

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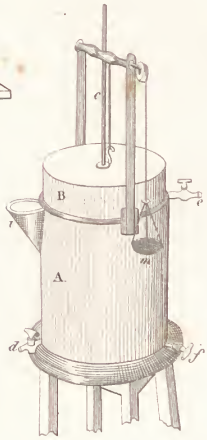

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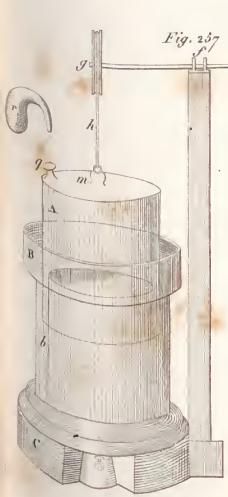

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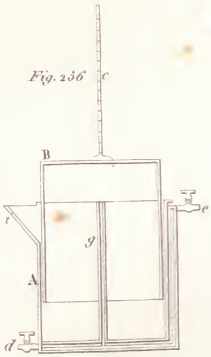

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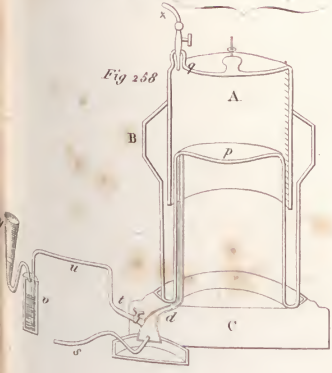

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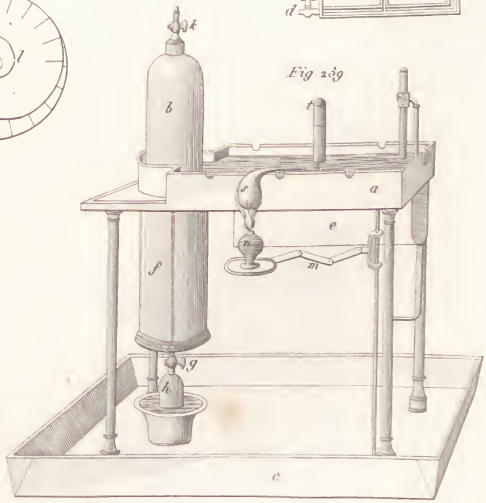

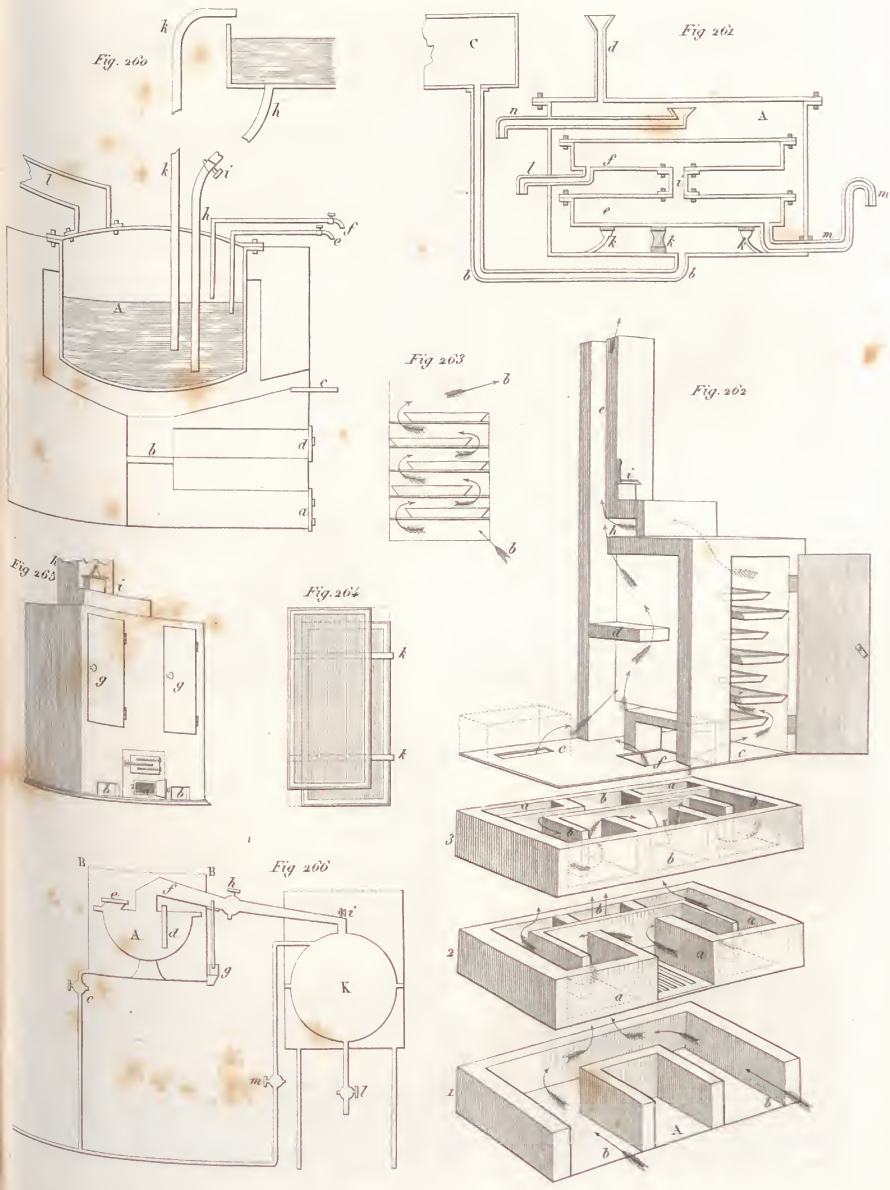
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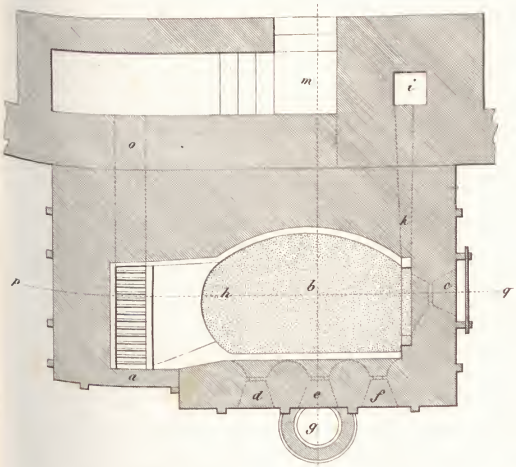

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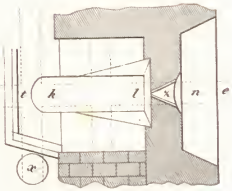

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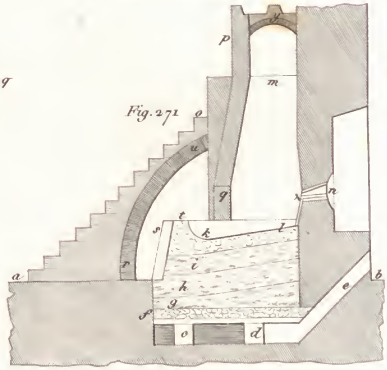

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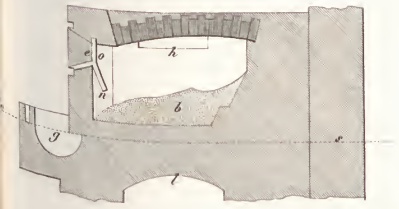


Fig 272

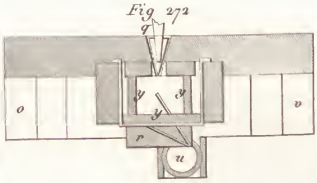
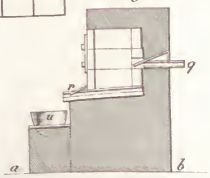


Fig. 2-3



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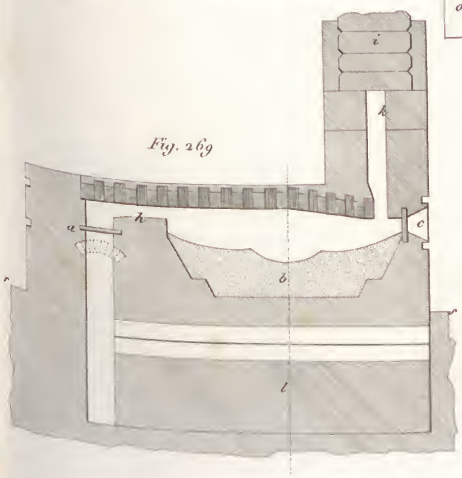
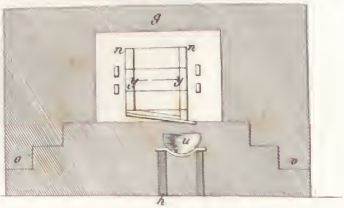


Fig 274



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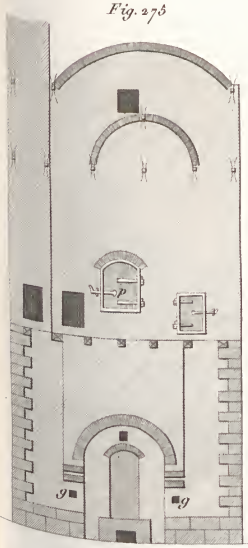

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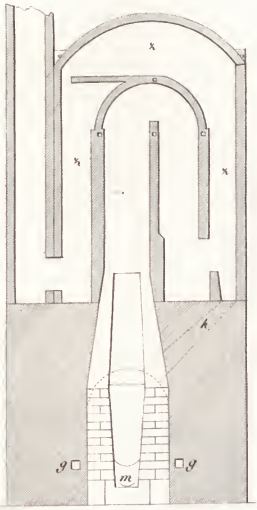

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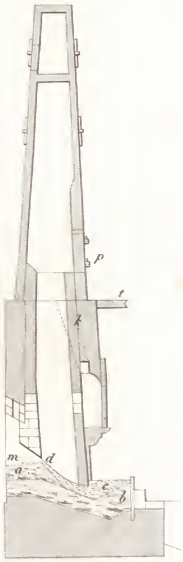

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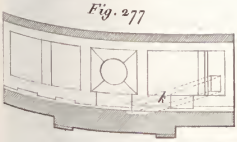

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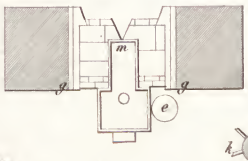

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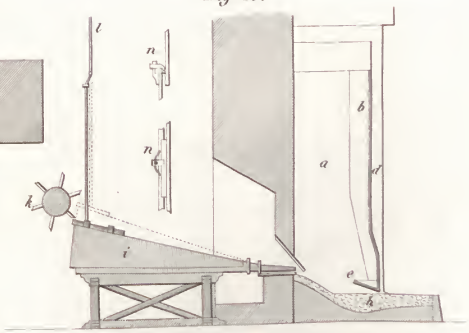

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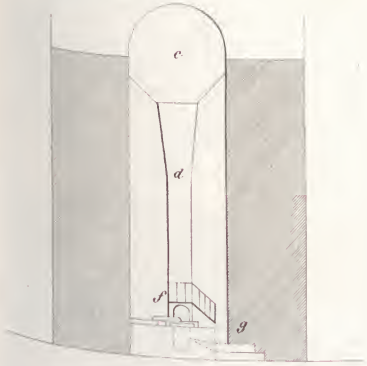
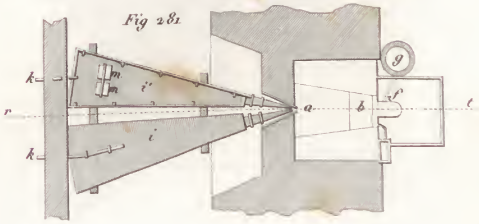


Fig 281



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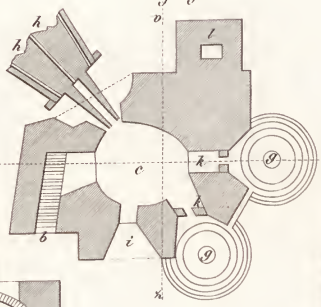

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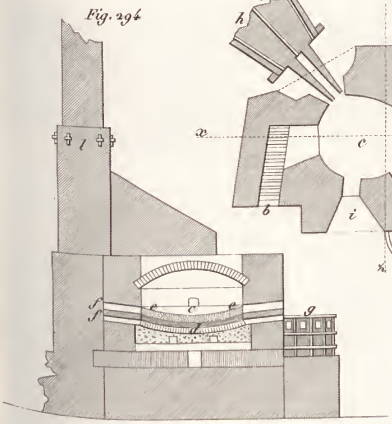

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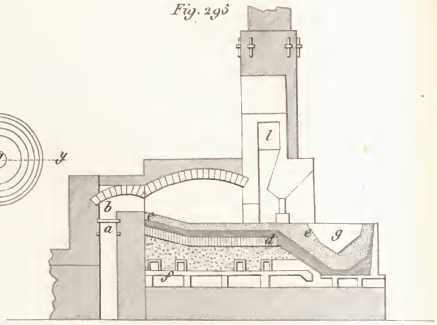

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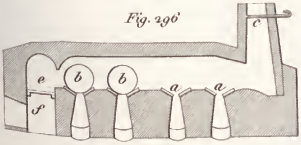
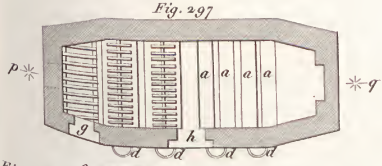


Fig. 297



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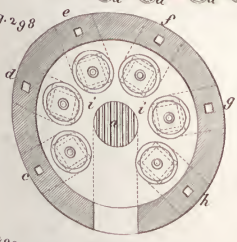

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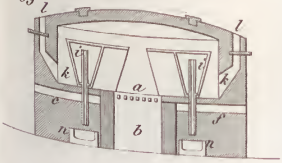
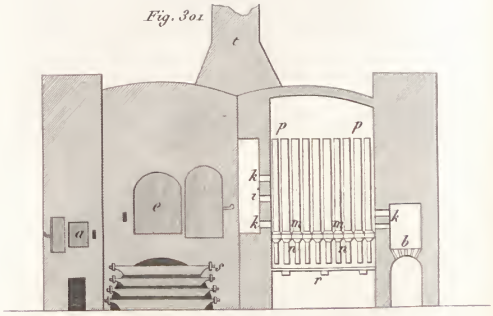


Fig. 300

Fig. 301



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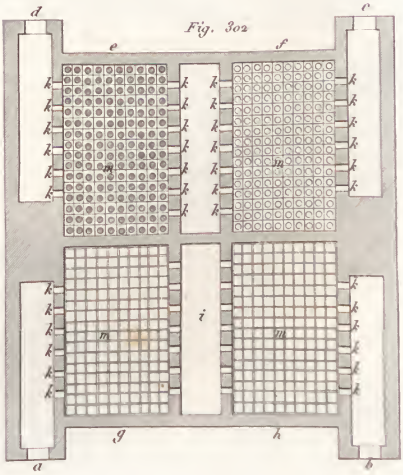

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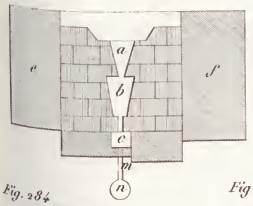

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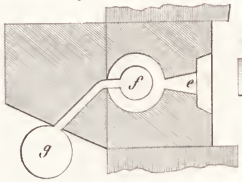

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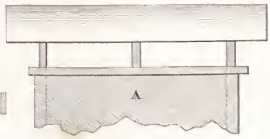

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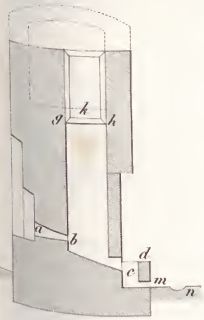
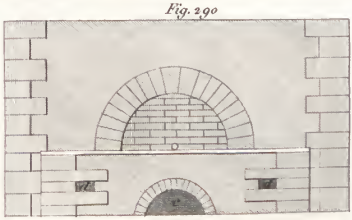


Fig 286

Fig. 290



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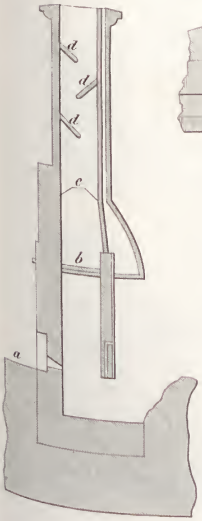

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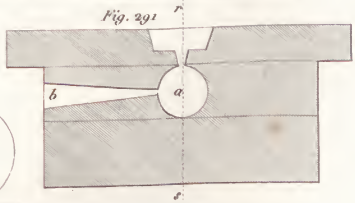

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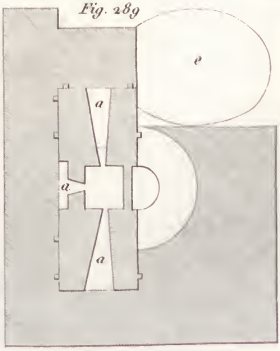

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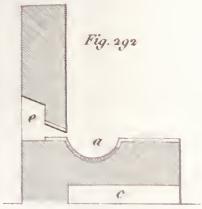

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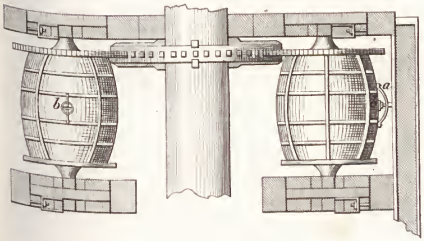

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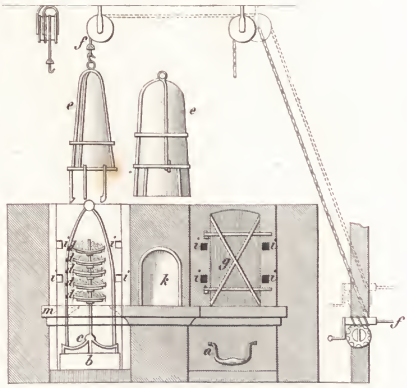

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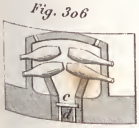

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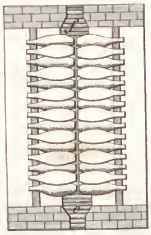

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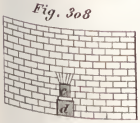

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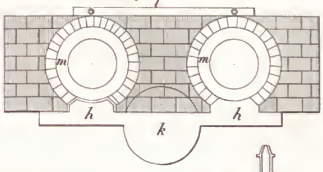

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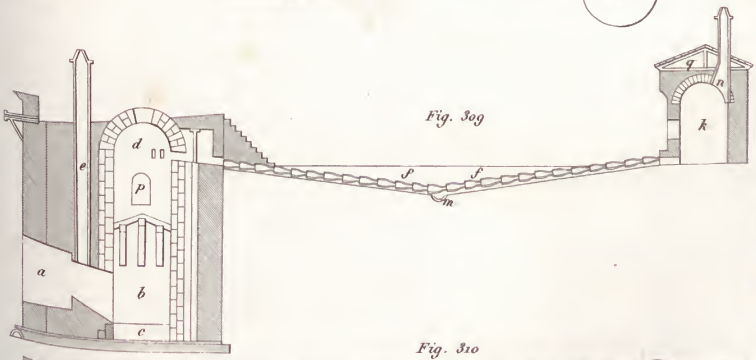

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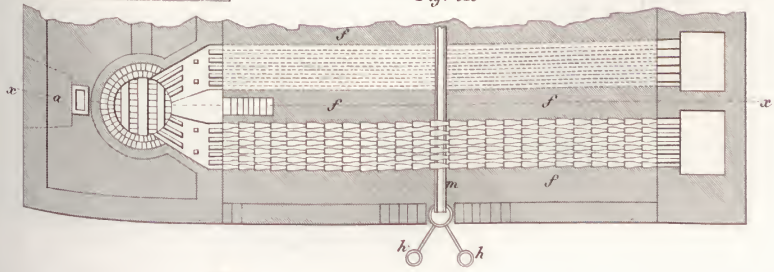

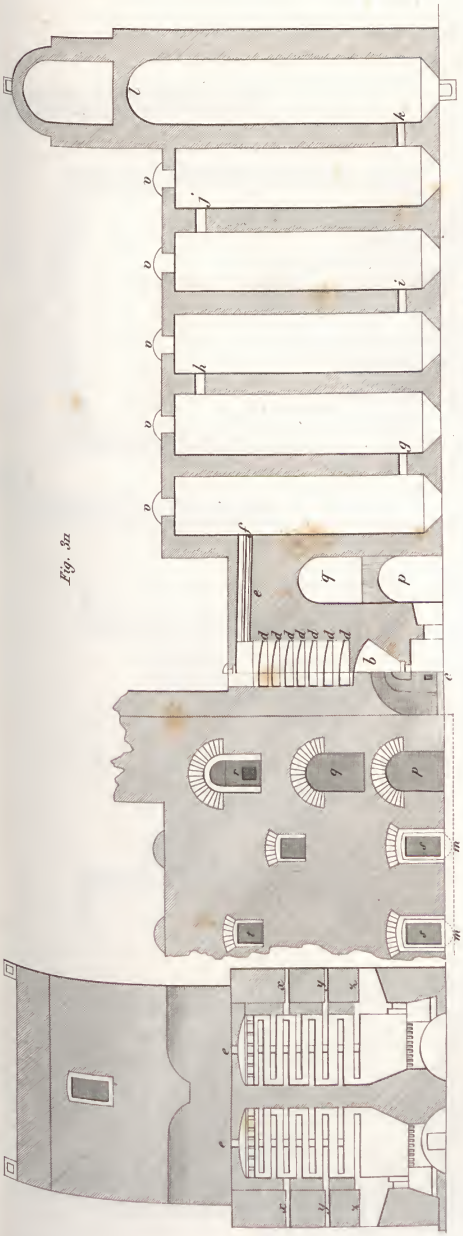

Fig. 3a

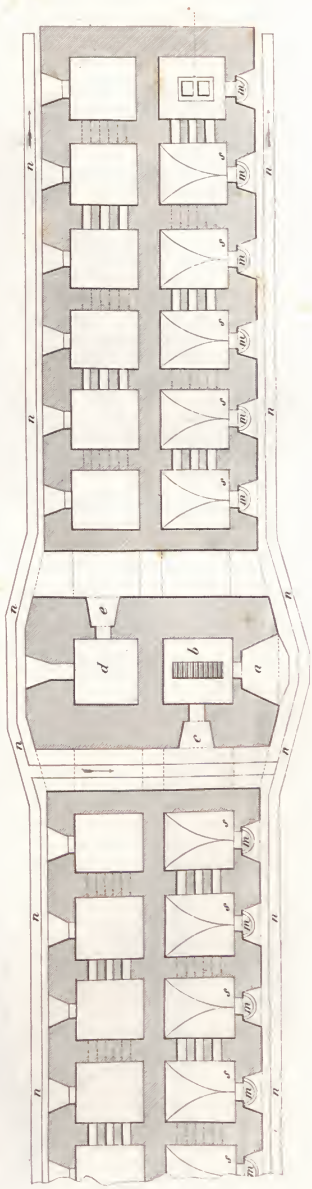

Fig. 3.a

Fig. 3.r

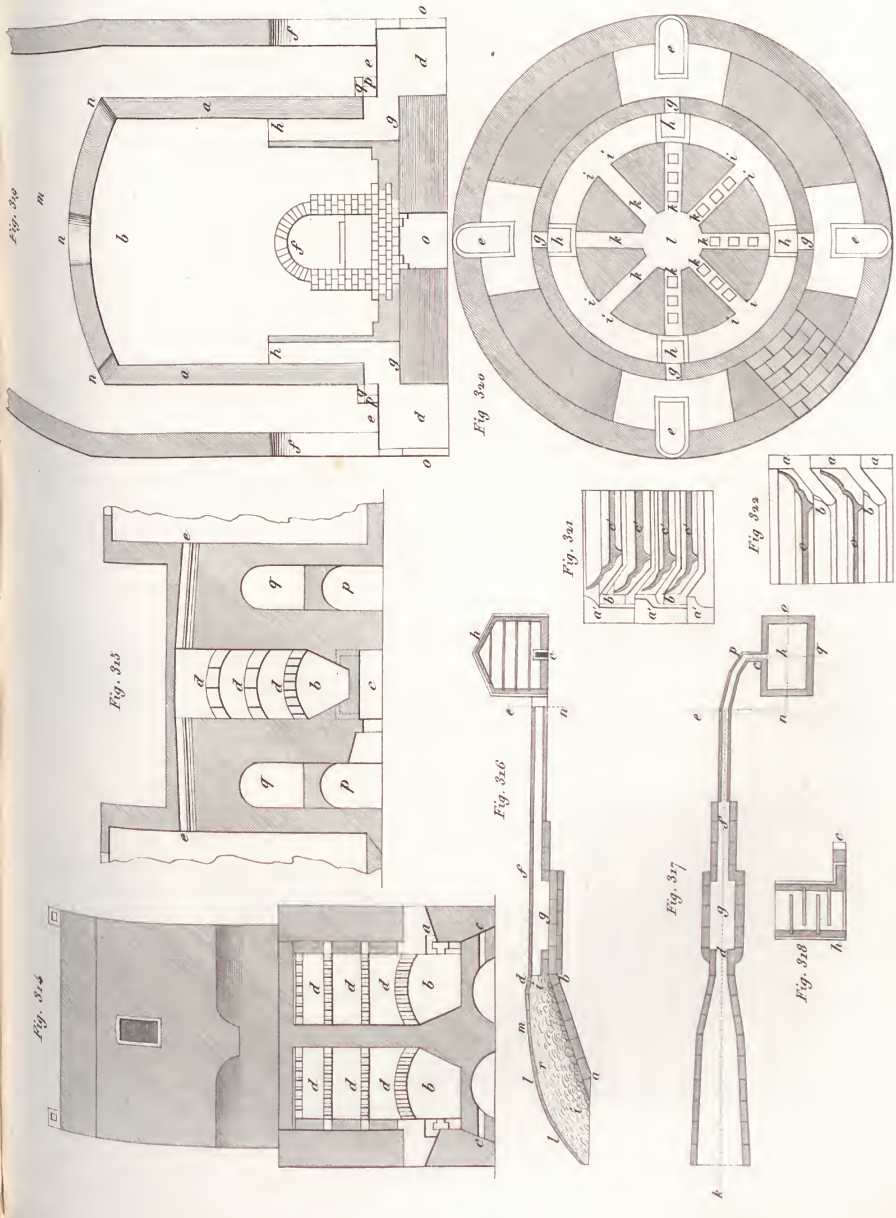
Fig. 319
Fig. 320
Fig. 321
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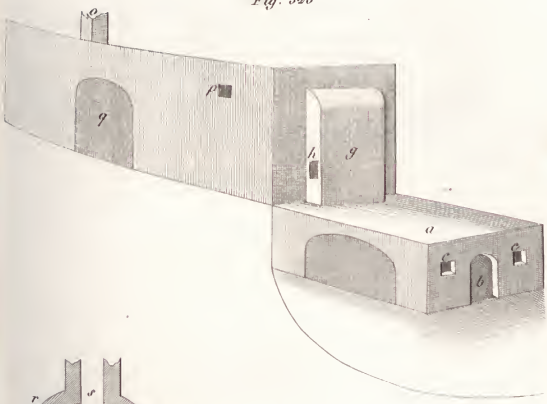
Fig. 318

Fig. 323



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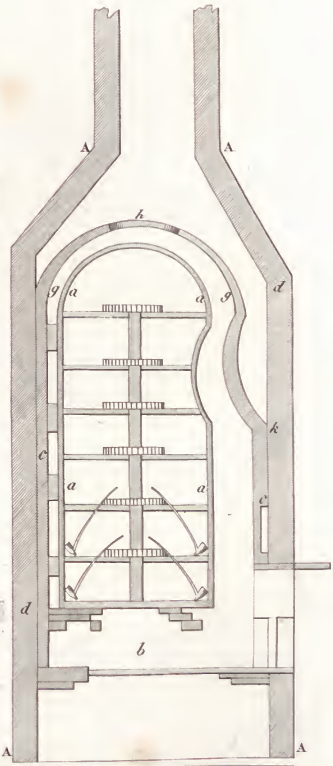

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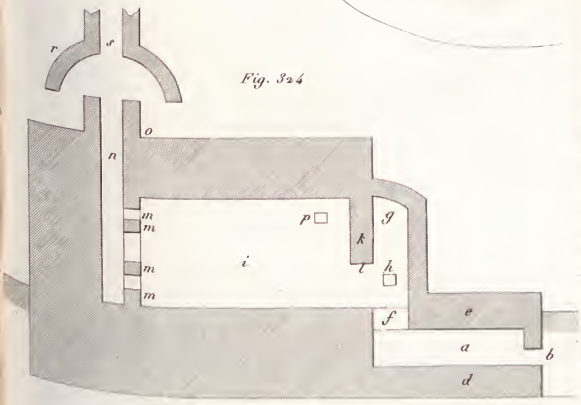

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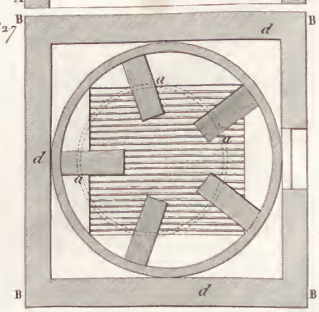

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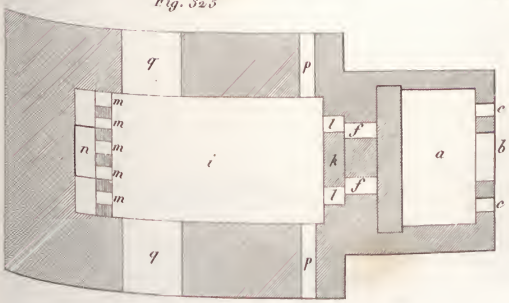

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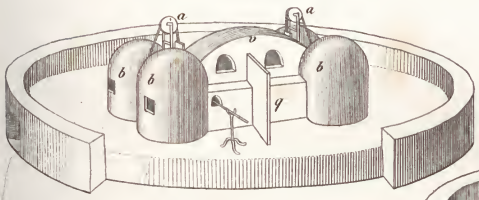

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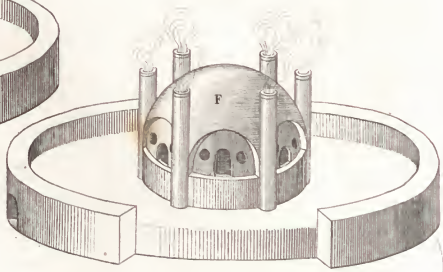

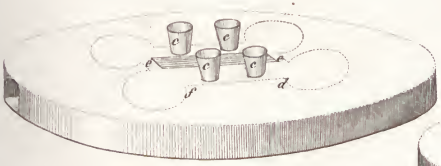

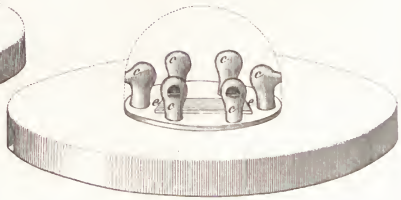

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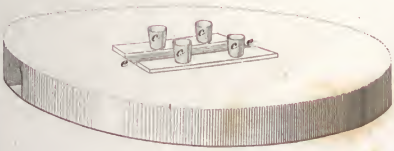

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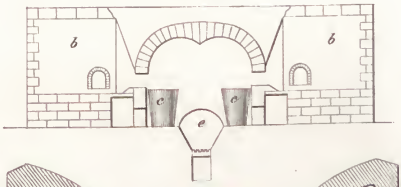

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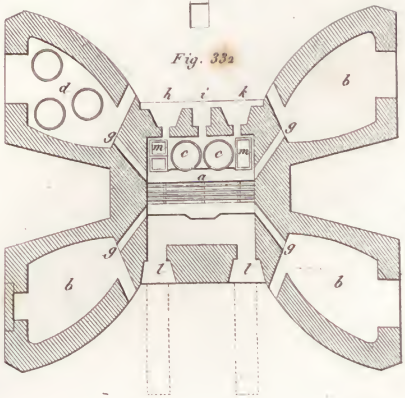

Fig. 1.
Fig. 2
Fig. 3
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Fig. 1.
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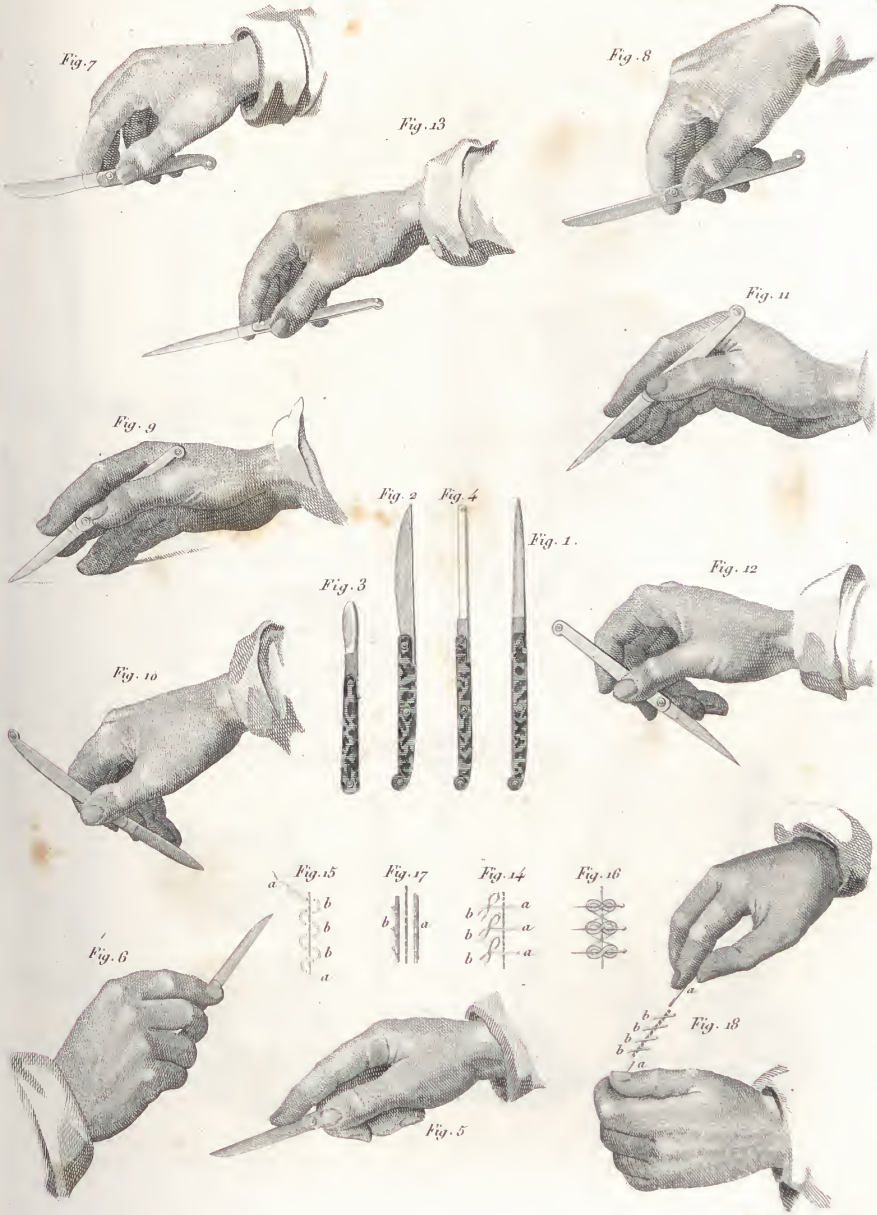
Fig. 7
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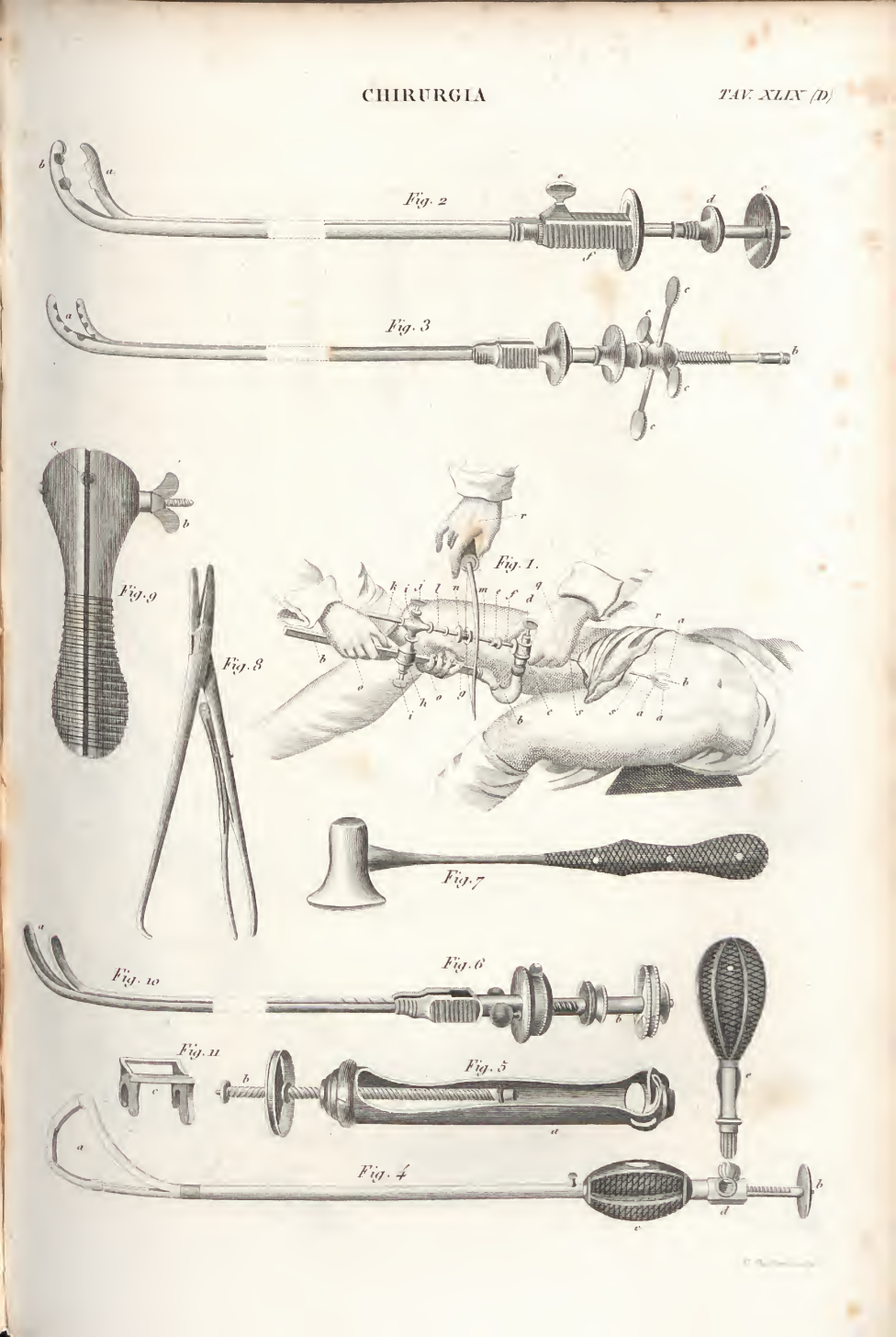
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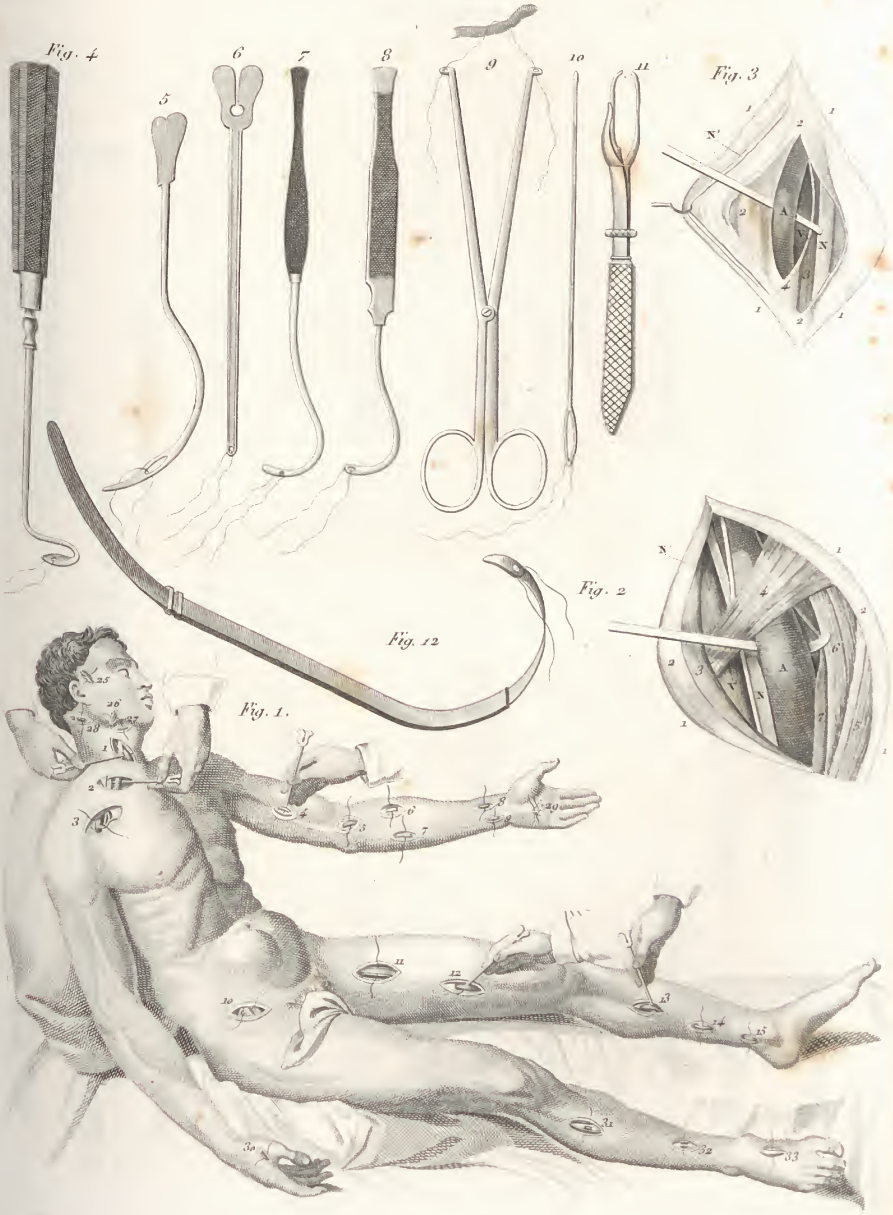
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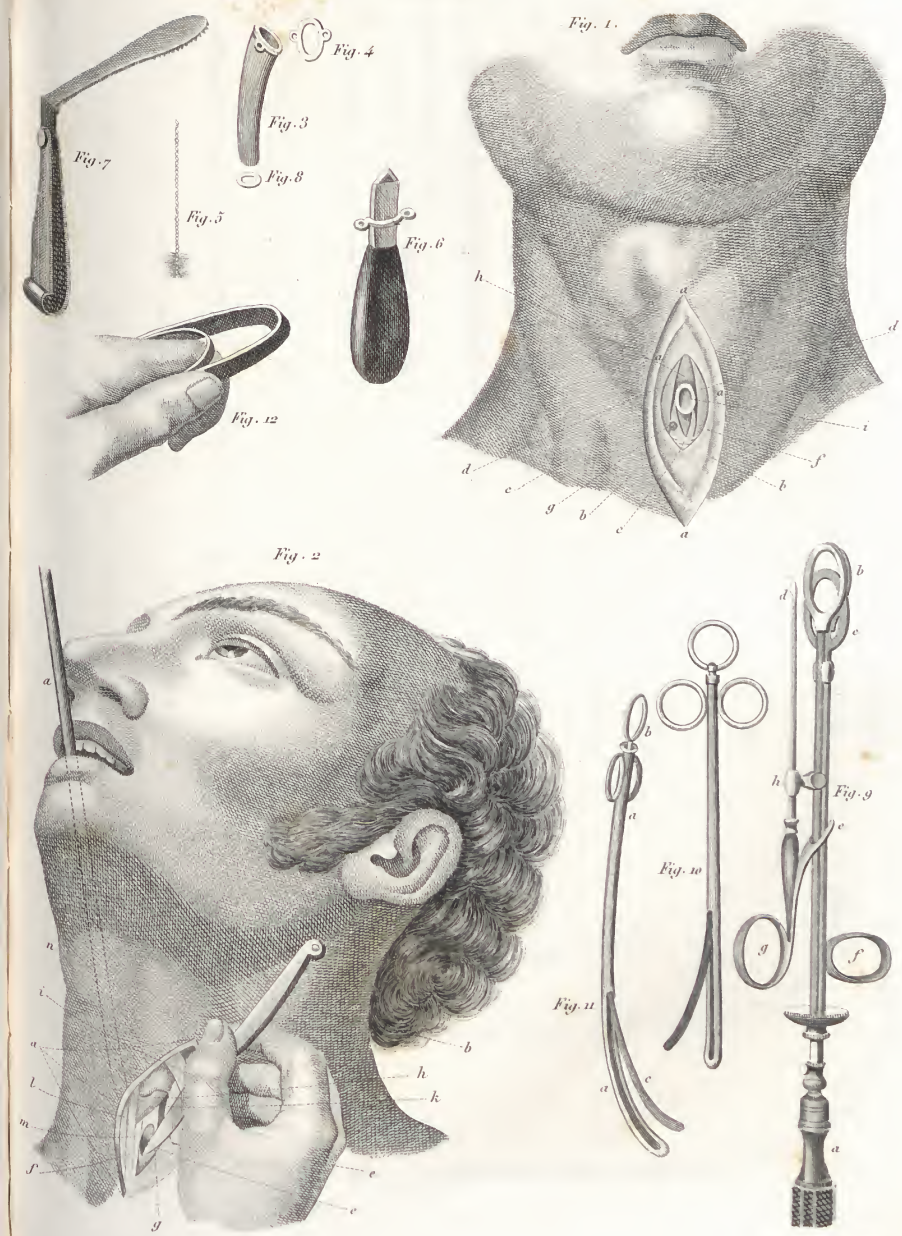
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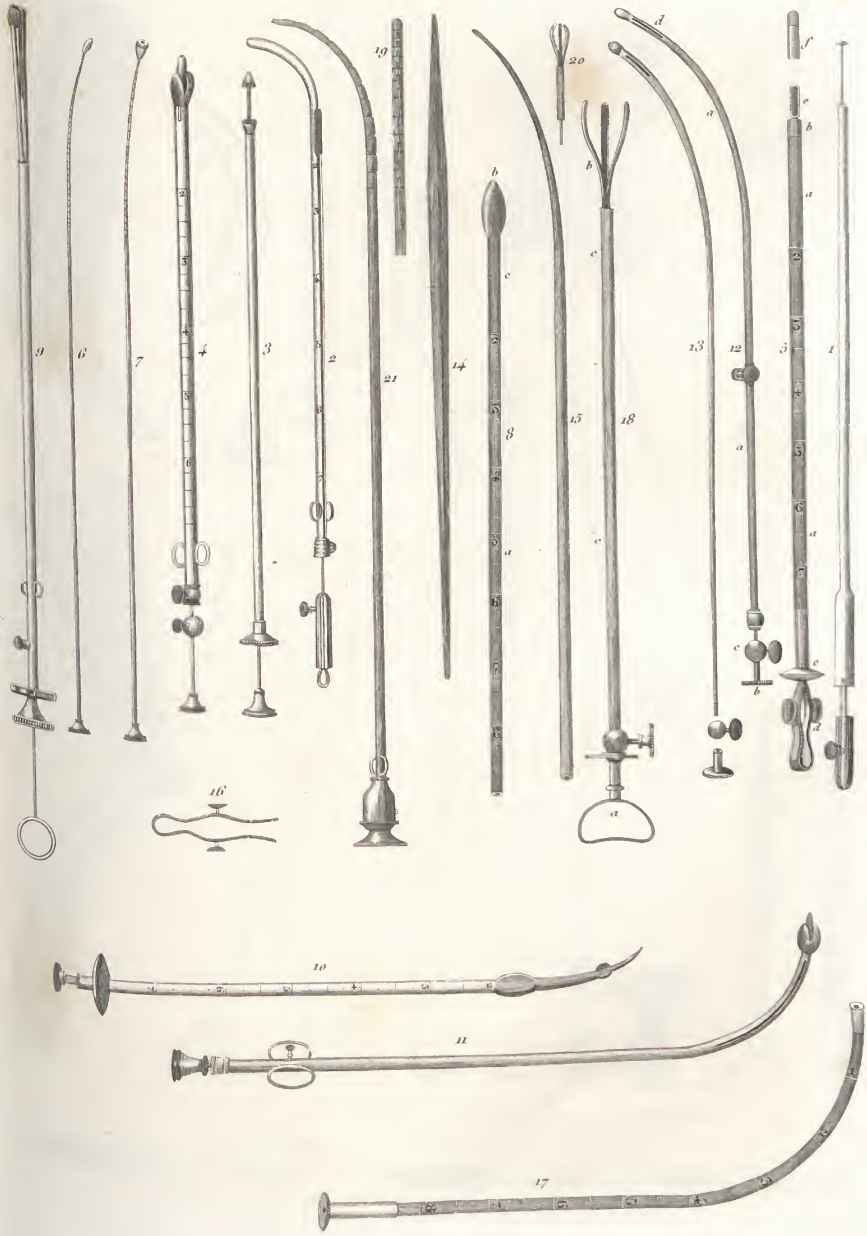
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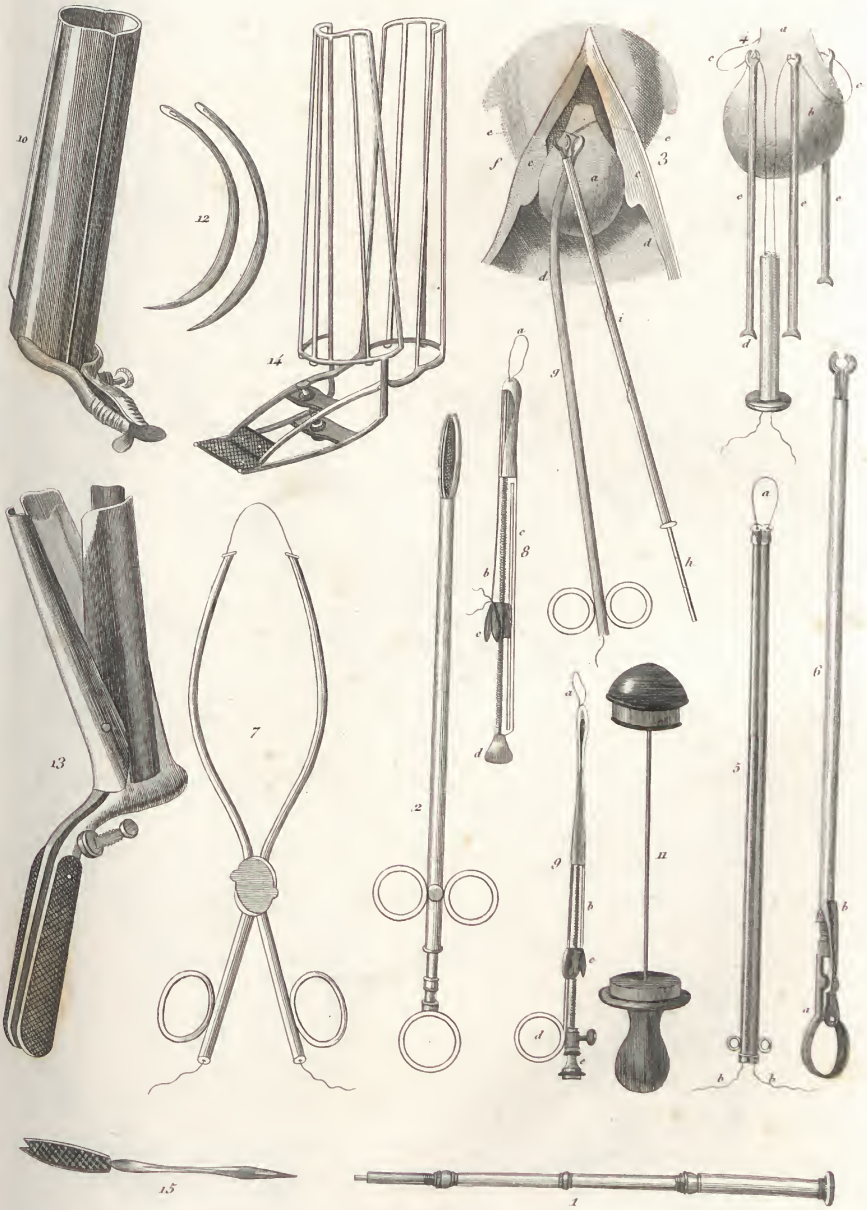
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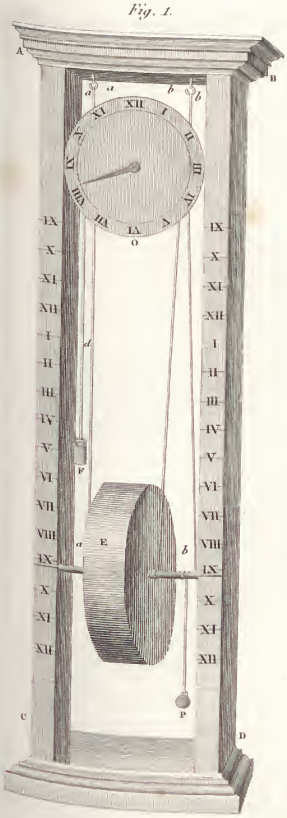
LITOTAMIA

CRONOMETRIA

CLESSIDRA

Fig. 1.



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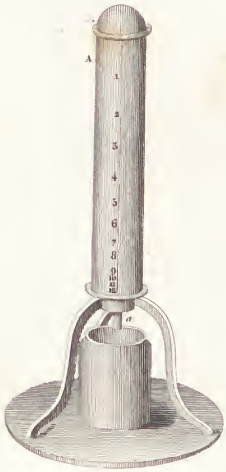
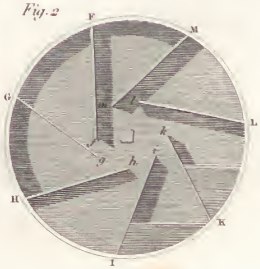


Fig. 5

Fig. 4

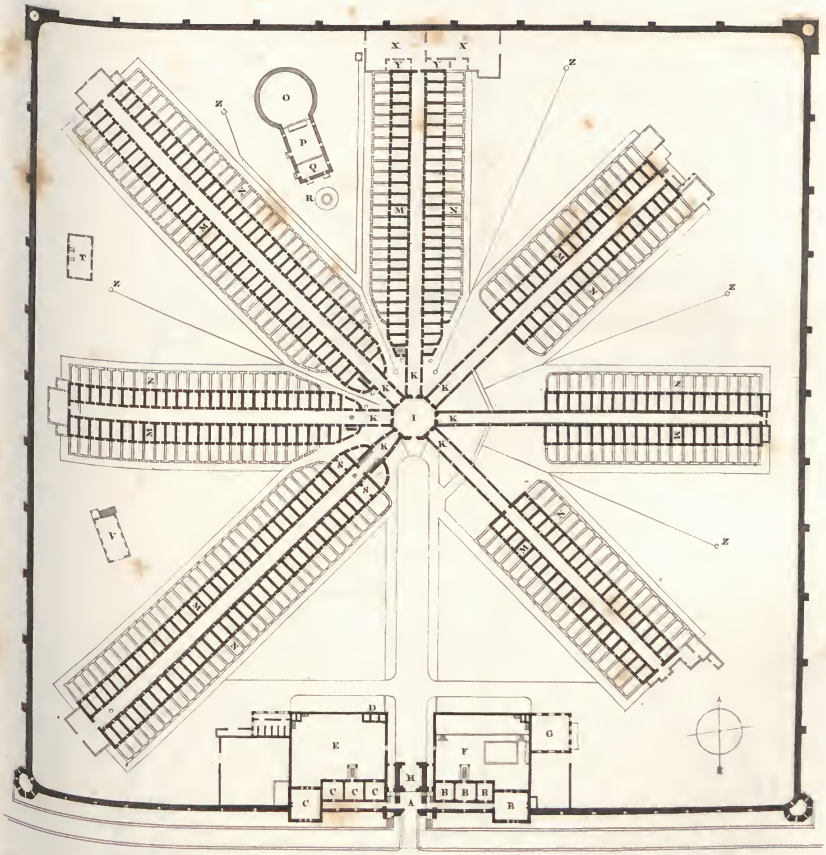
Fig. 2

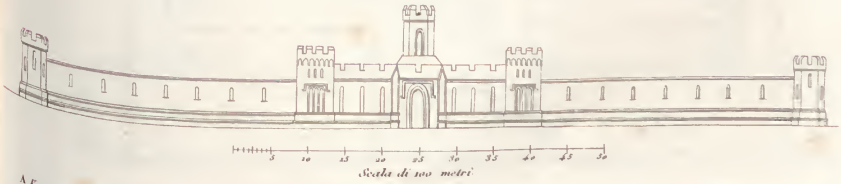


V. Angeli

CARCERI

Penitenziario di Cherry-Hill a Filadelfia *(Pensilvania)*





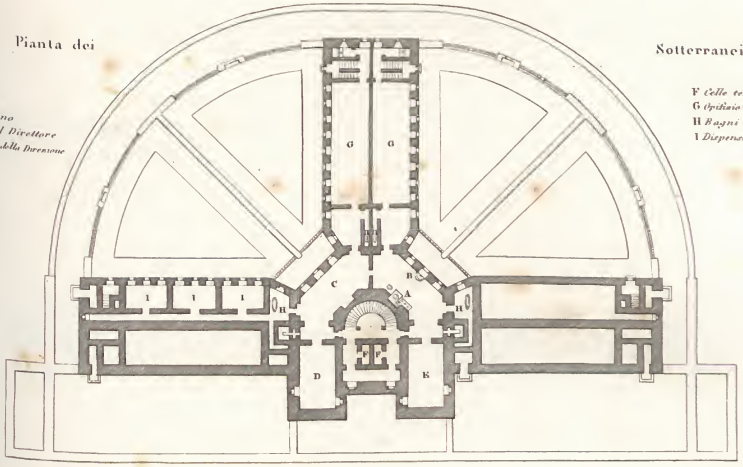
A *Vestibolo*
B *Alloggio del Direttore*
C *Officii*
D *Pozzi e Panetteria*
E *Corte di servizio*
F *Giardino del Direttore*
G *Tintoria*
H *Torre*
I *Loggia centrale d'ispezione*
K *Andito alle Celle*
M *Celle*
N *Cortili*
O *Serbatojo*
P *Pallone*
Q *Macchina a Vapore*
R *Carteena*
S *Cucine*
T *Fucina*
V *Officina del legnaiuolo*
X *Seccatoj*
Y *Lavanderie*
Z *Cloache*

Penitenziario di San Gallo in Isvizzera

Pianta dei Sotterranei

A *Cucina*
B *Fontana*
C *Magazzeno*
D *Locale del Direttore*
E *Magazzeni della Direzione*

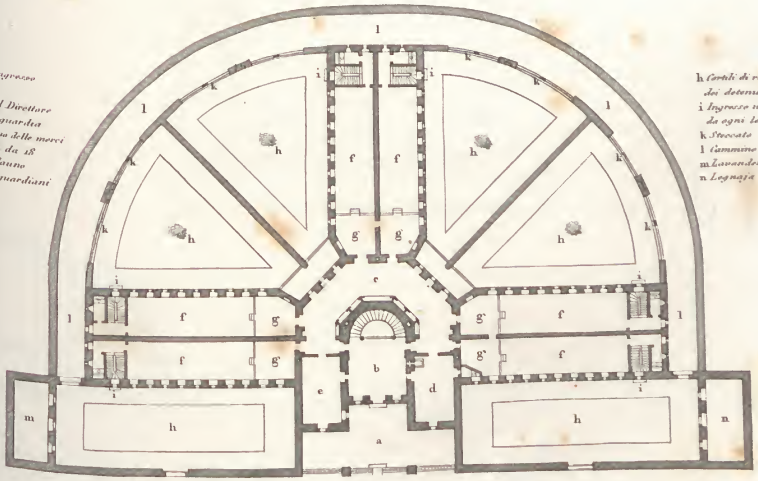
F *Celle tenebrose*
G *Opifizio dei tessitori*
H *Bagni*
I *Dispense del vitto*

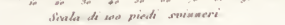


Pianta del piano terreno

a *Corte d'ingresso*
b *Vestibolo*
c *Ufficio del Direttore*
d *Corpo di guardia*
e *Magazzeno delle merci*
f *Laboratori da 18 operai ciascuno*
g *Sala dei guardiani*

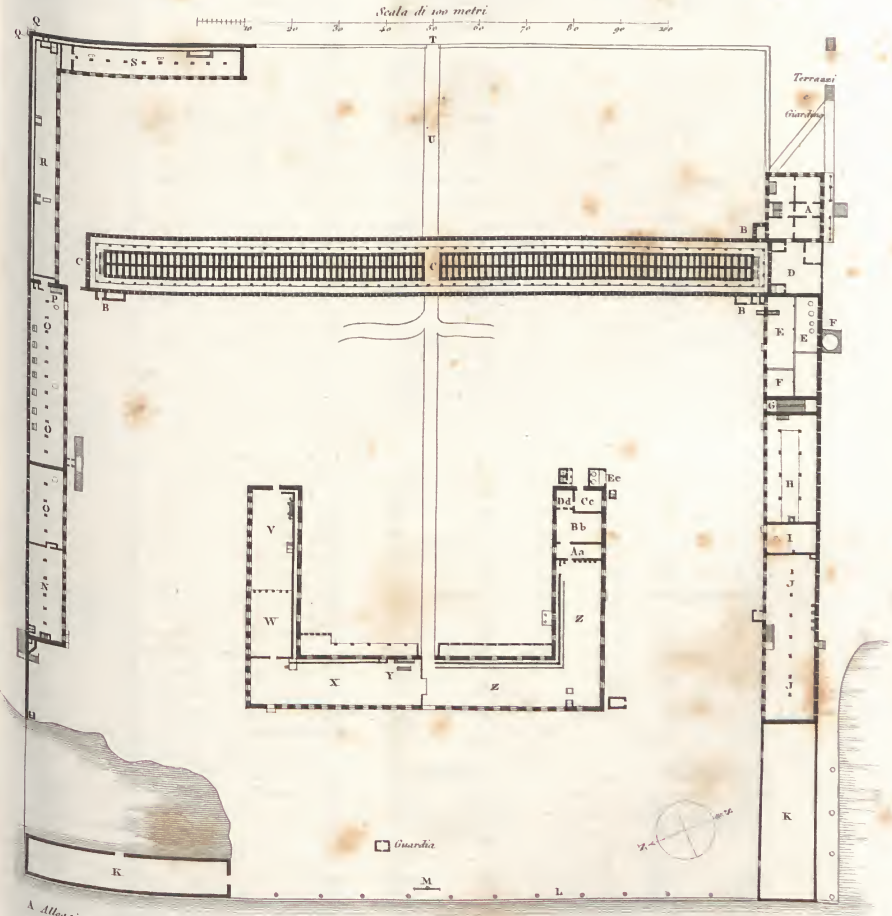
h *Cortili di ricreazione dei detenuti*
i *Ingresso nei cortili da ogni laboratorio*
k *Steccato*
l *Cammino di ronda*
m *Lavanderia*
n *Legnaja*



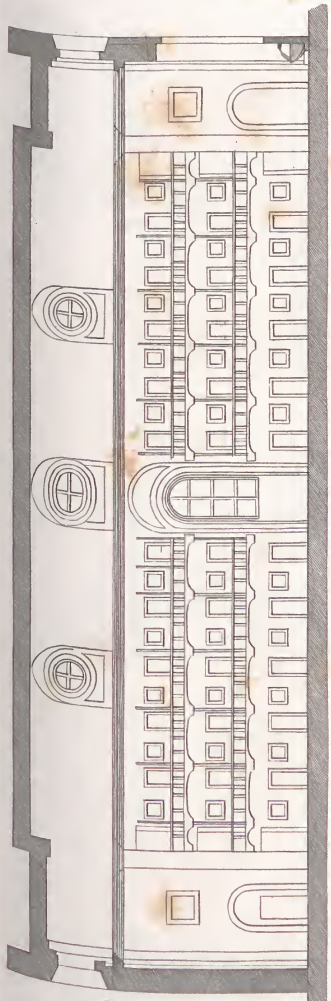


Scala di 100 piedi sassoni

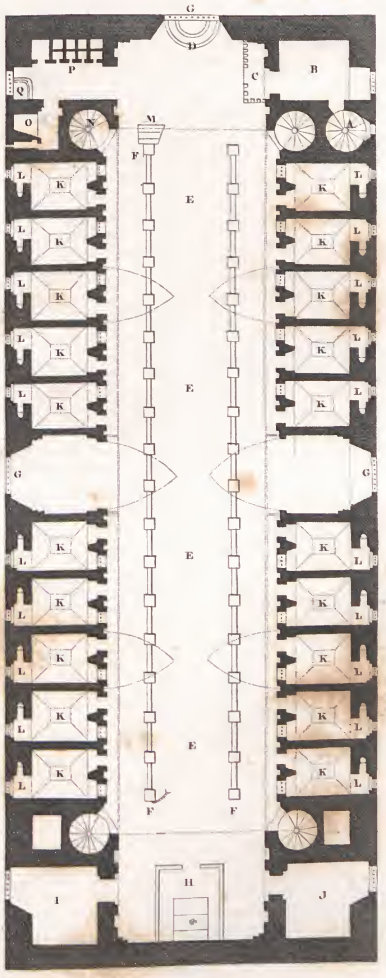
Penitenziario di Sing-Sing ovvero Carcere di stato di Mountpleasant
nella Nuova York (Stati Uniti d'America)



Carcere correzionale di S. Michele in Roma



Sezione longitudinale

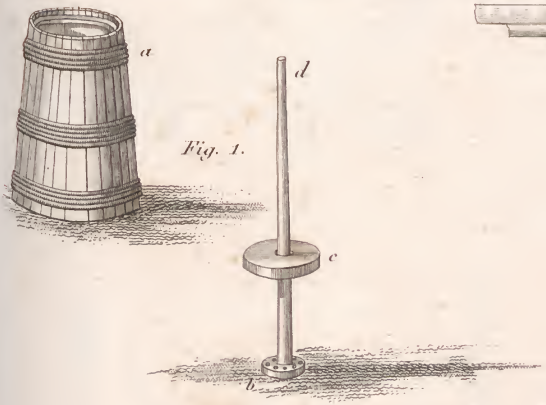


Scala di 20 metri

Ichnografia

A *Scala d'ingresso*
B *Camera dei Custodi*
C *Cancellata*
D *Fontana*
E *Sale di lavoro*
F *Pugni con catene*
G *Finestroni*
H *Cappella*
I *Vestibolo*
J *Uffizi e Segreteria*
K *Celle*
L *Cassi*
M *Cogna*
N *Scala dei Direttori e delle guardie*
O *Cella di punizione*
P *Cucina*
Q *Lavatoio*

FABBRICAZIONE DEL BUTIRRO



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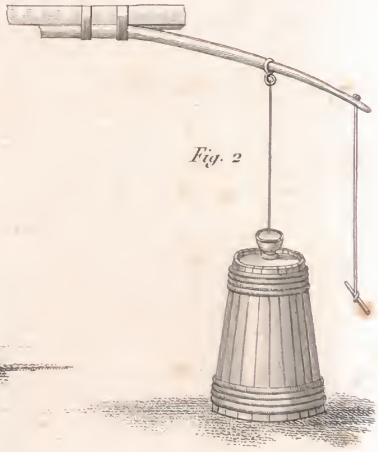


Fig. 2

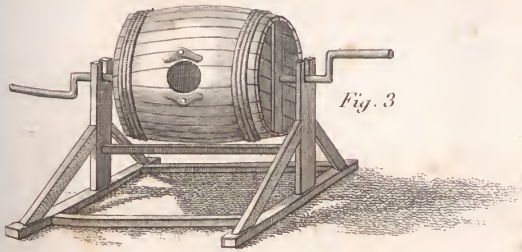


Fig. 3

Fig. 4

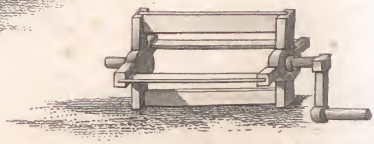
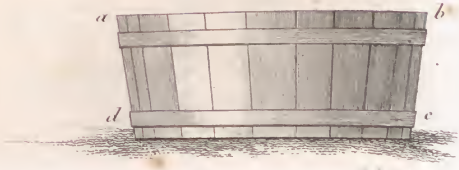


Fig. 5

Fig. 6



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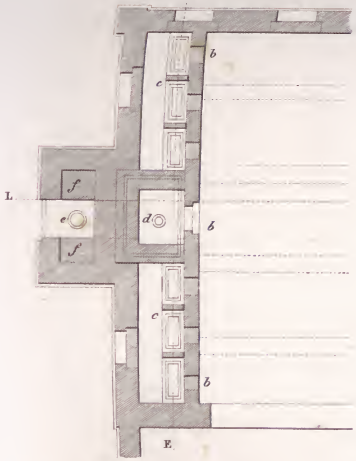

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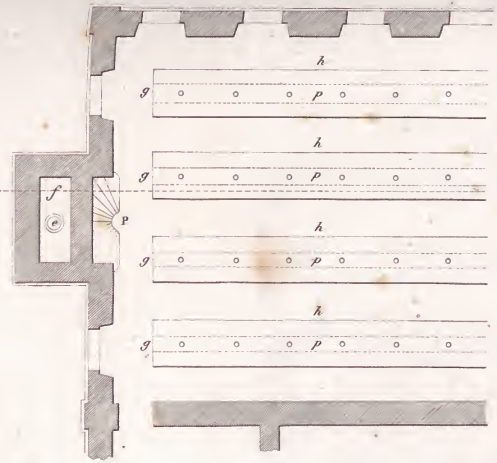

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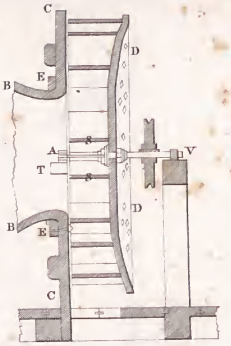

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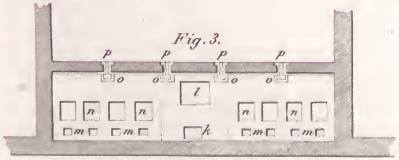

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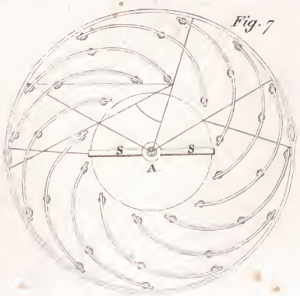

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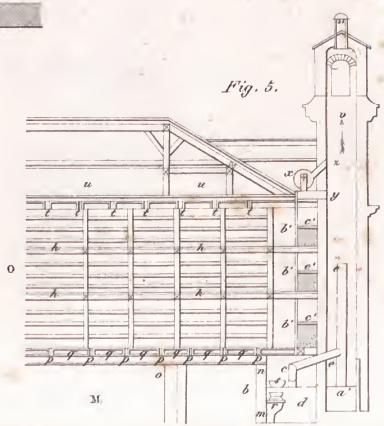

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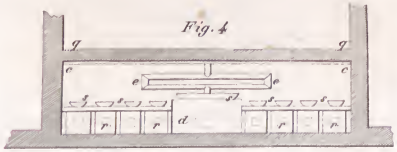

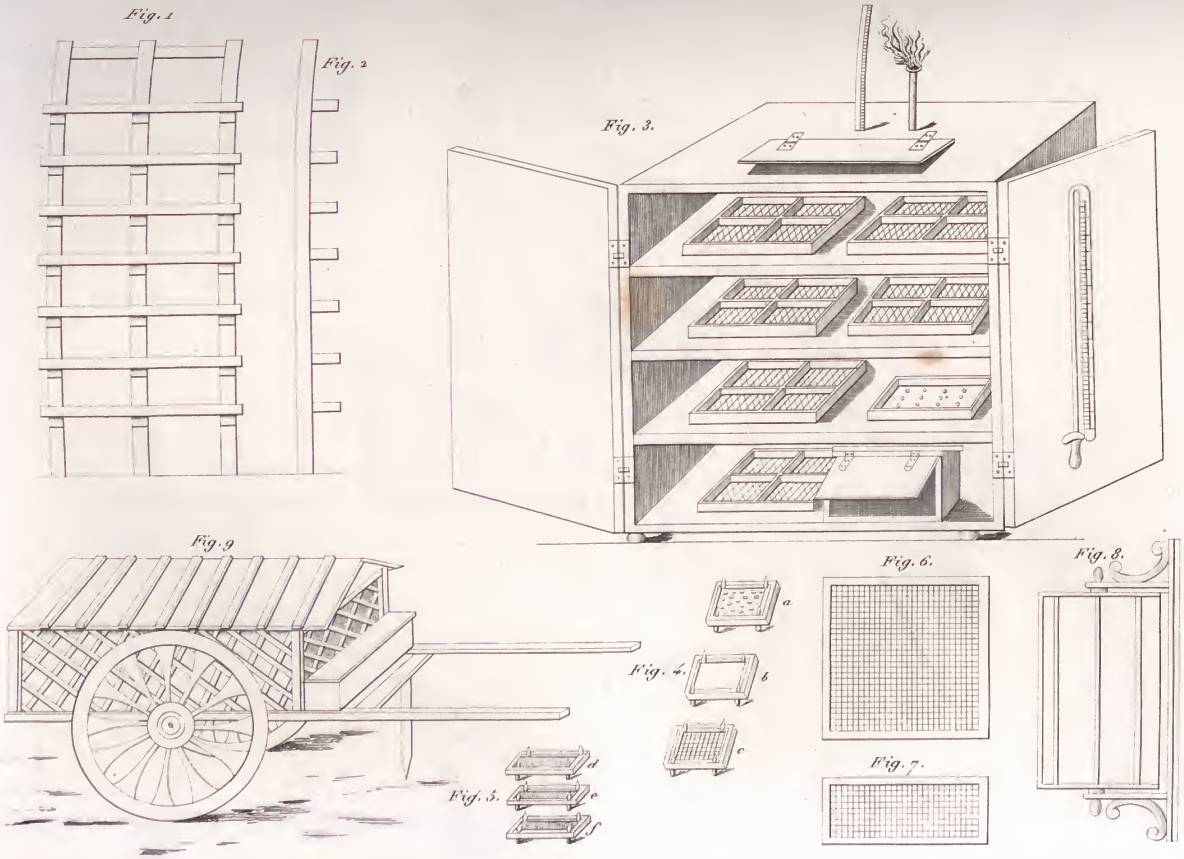
Fig. 1
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Fig. 6.
Fig. 7.
Fig. 8.

FILUCELLO

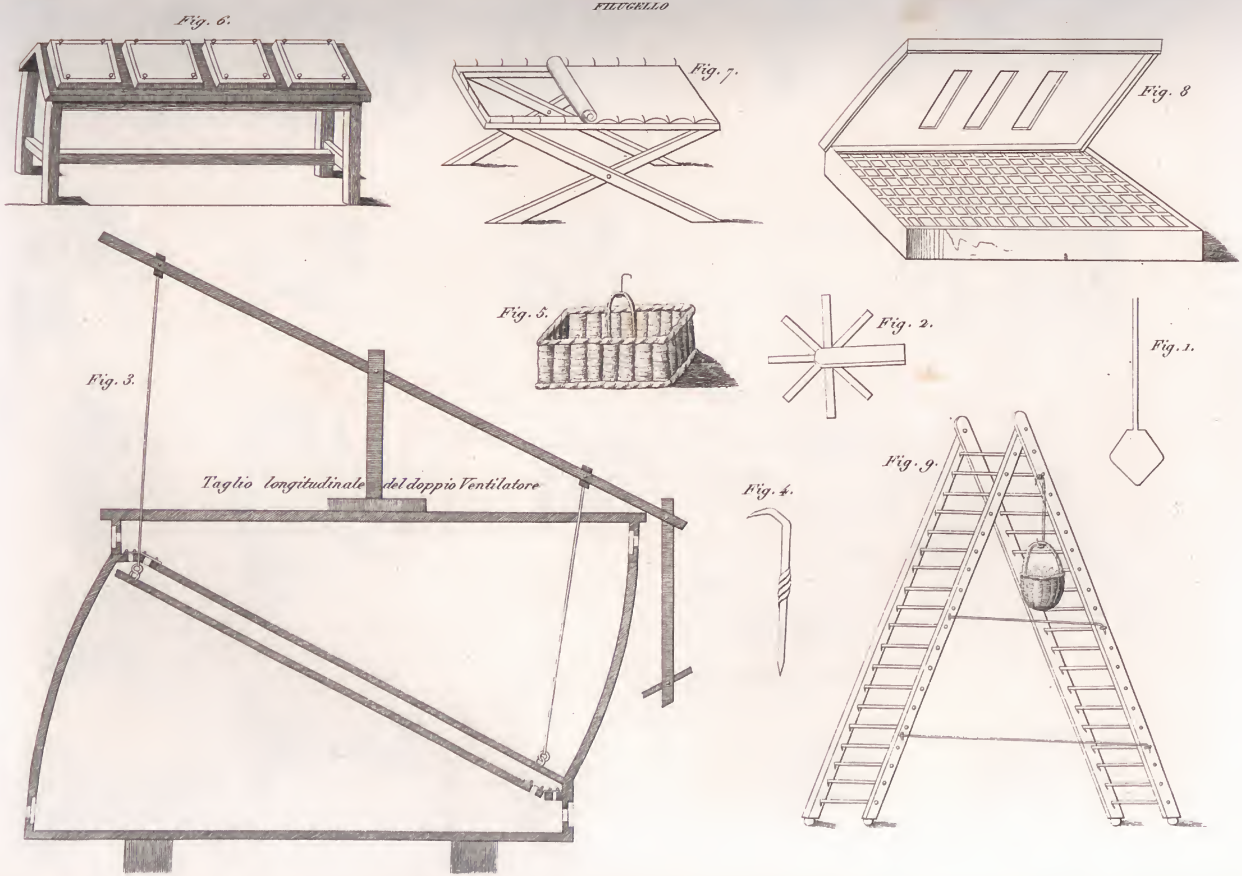
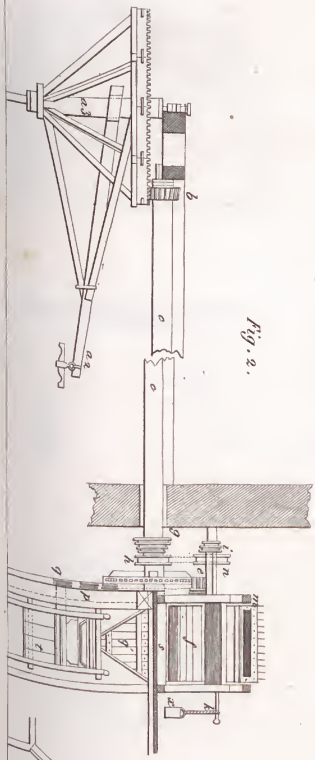


Fig. 6.
Fig. 7.
Fig. 8
Fig. 5.
Fig. 2.
Fig. 1.
Fig. 3.
Taglio longitudinale del doppio Ventilatore
Fig. 4.
Fig. 9.

FORMAGGIO, LATTE

Avelo inc

TREBBIATOJO SCOZZESE ALLA MEIKLE



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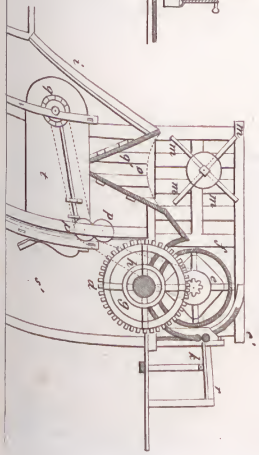

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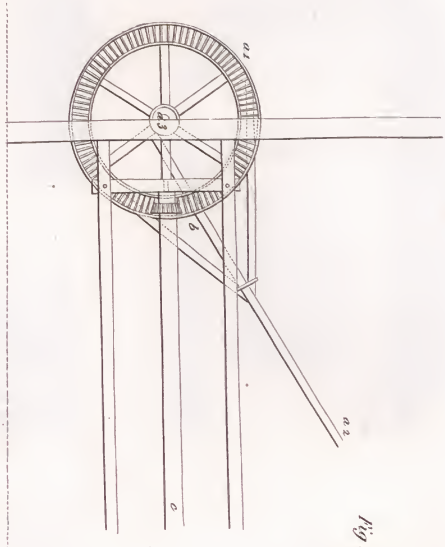

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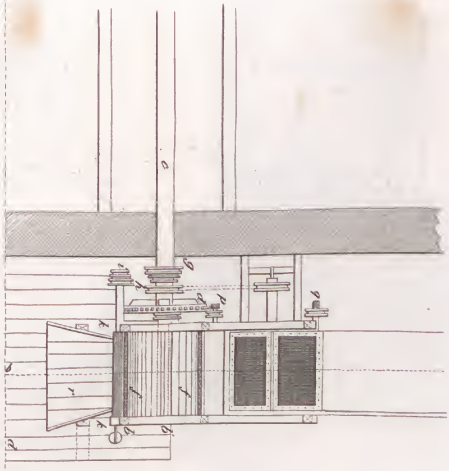
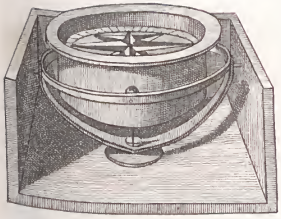


BUSSOLA NAUTICA, CHIESOLA, ECC.

Fig. 1



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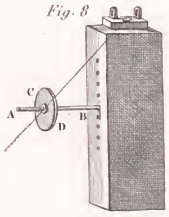

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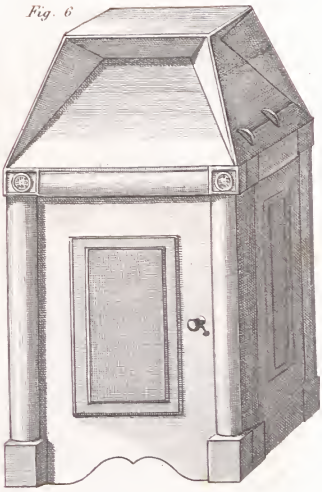
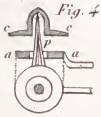


Fig. 2

Fig. 3

Fig. 4



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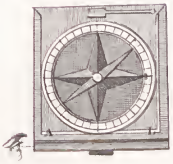
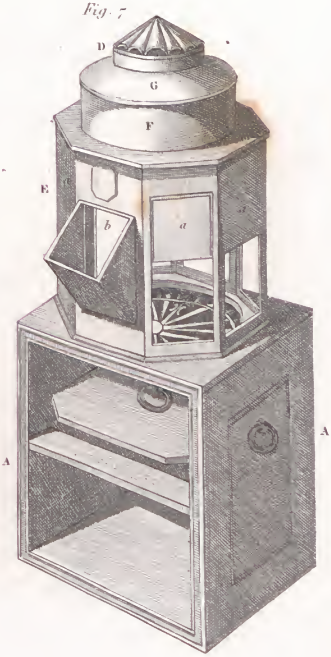


Fig. 5

Fig. 10

Fig. 7



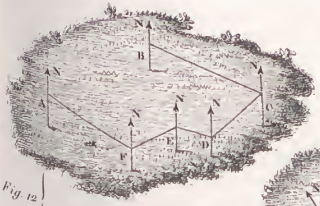
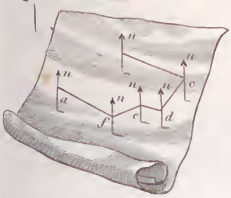


Fig. 12



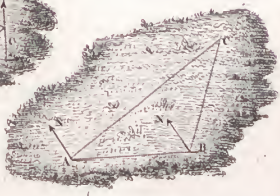
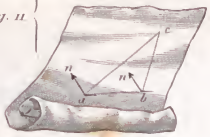


Fig. 11



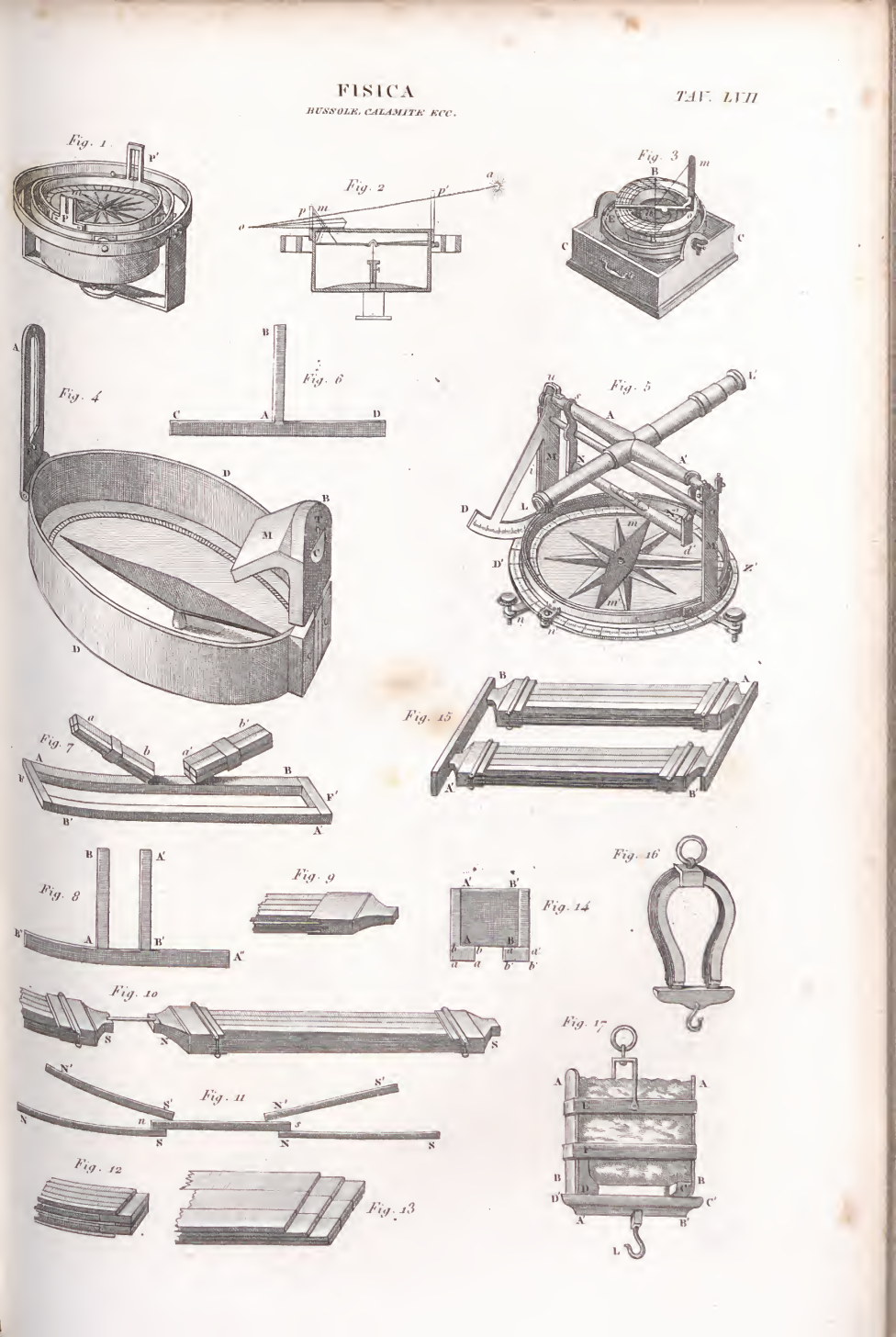


Fig. 1
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Fig. 16
Fig. 17

BUSSOLA DI DECLINAZIONE ASSOLUTA

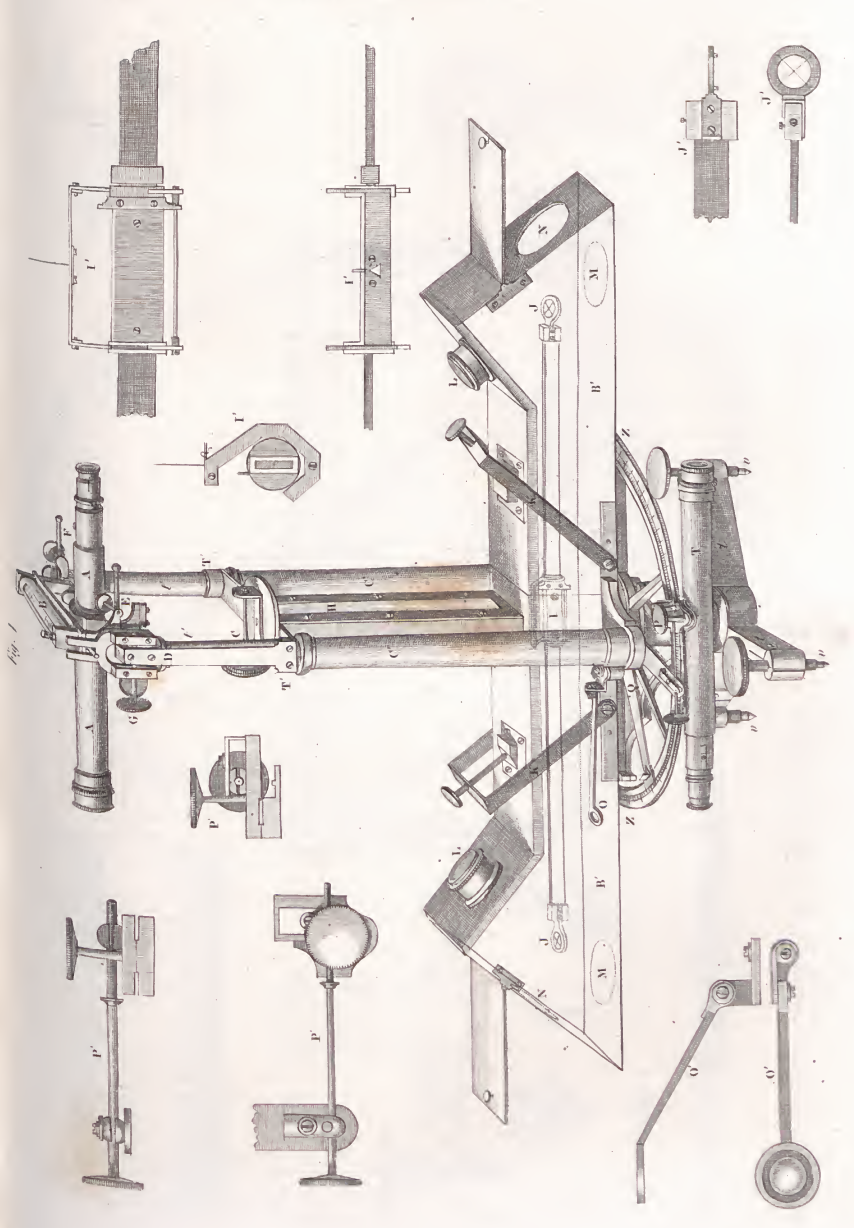
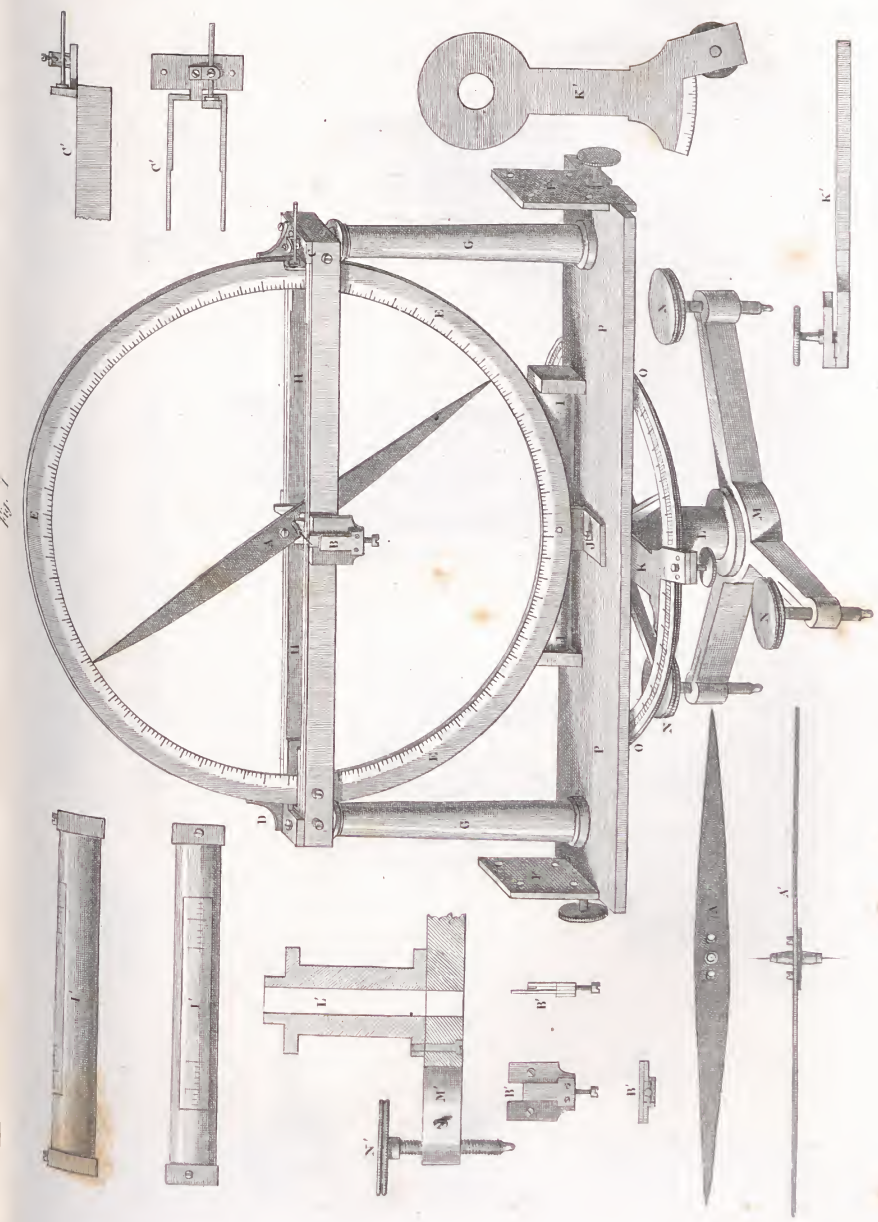
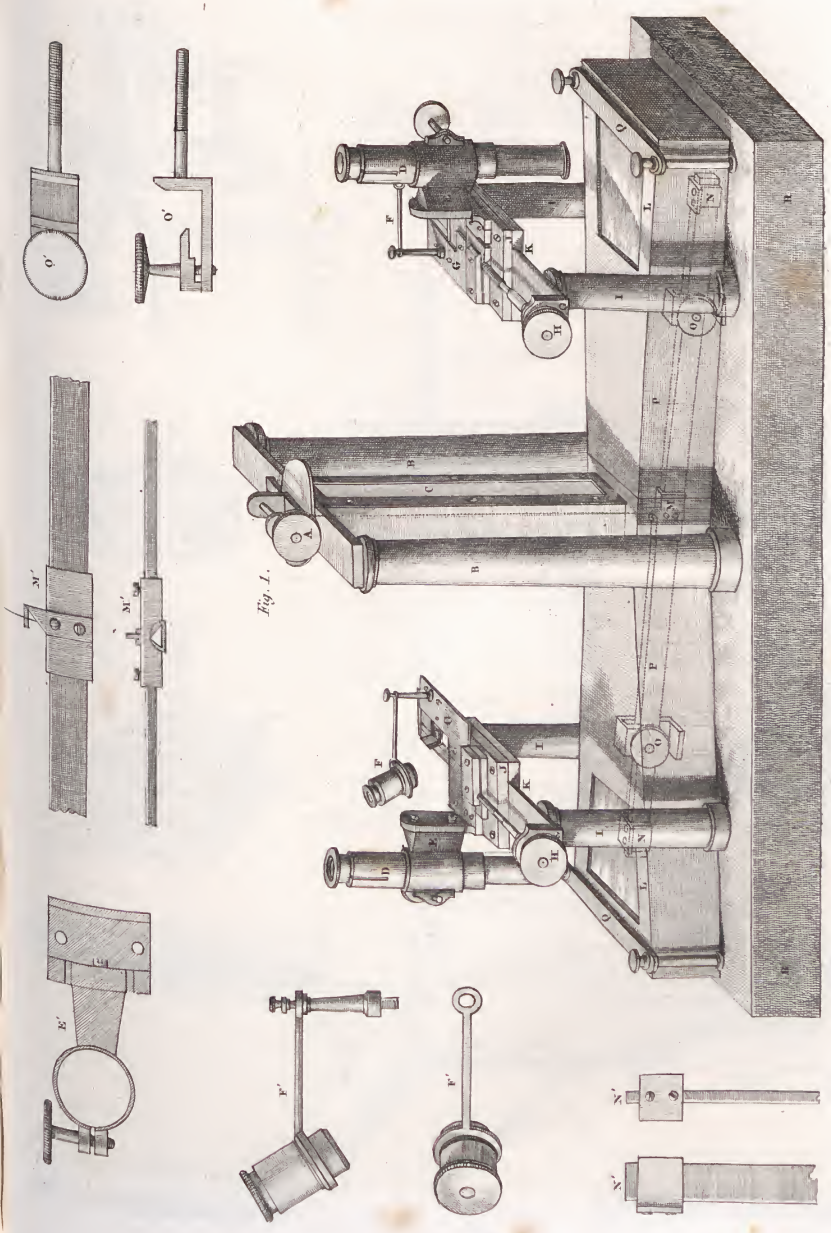


Fig. 1

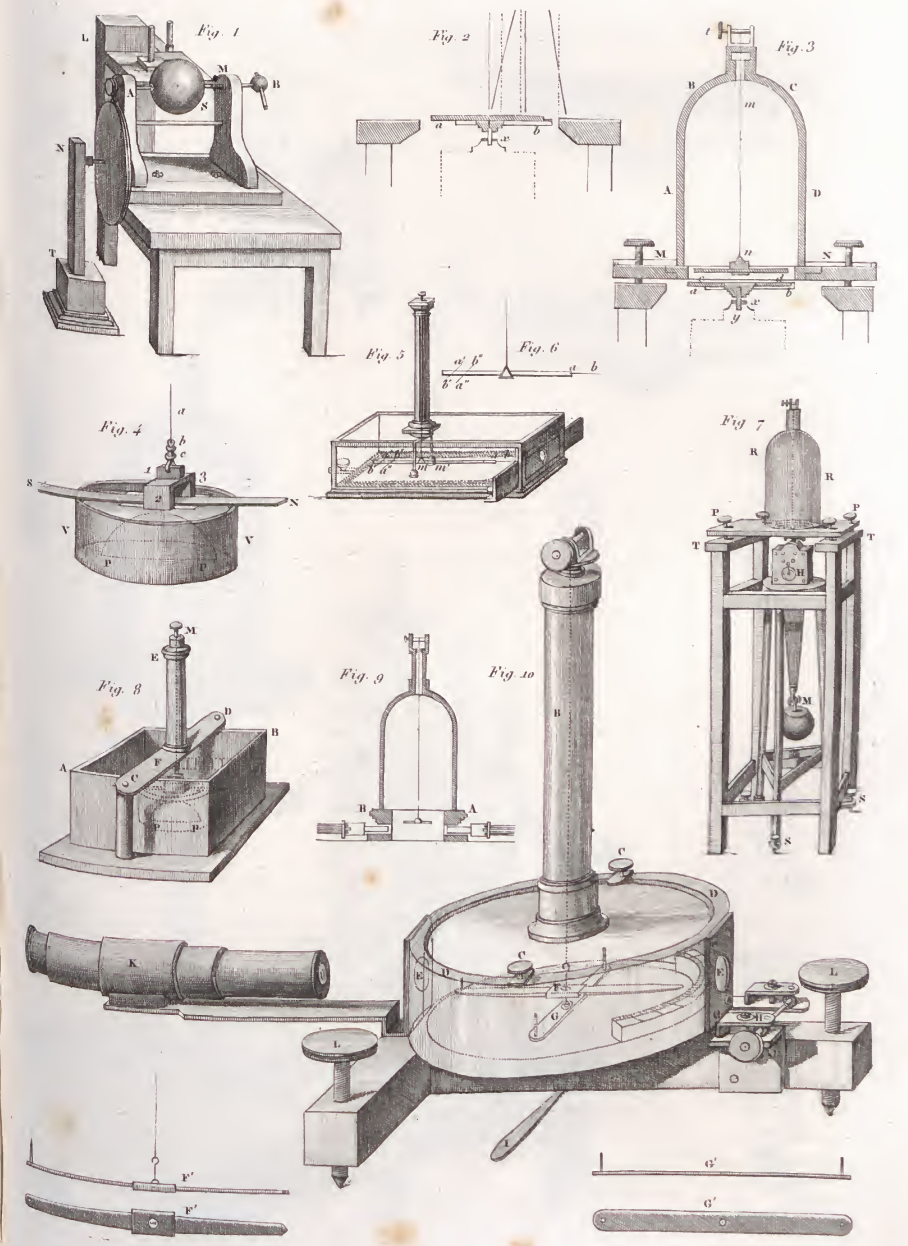
BUSSOLA D'INCLINAZIONE



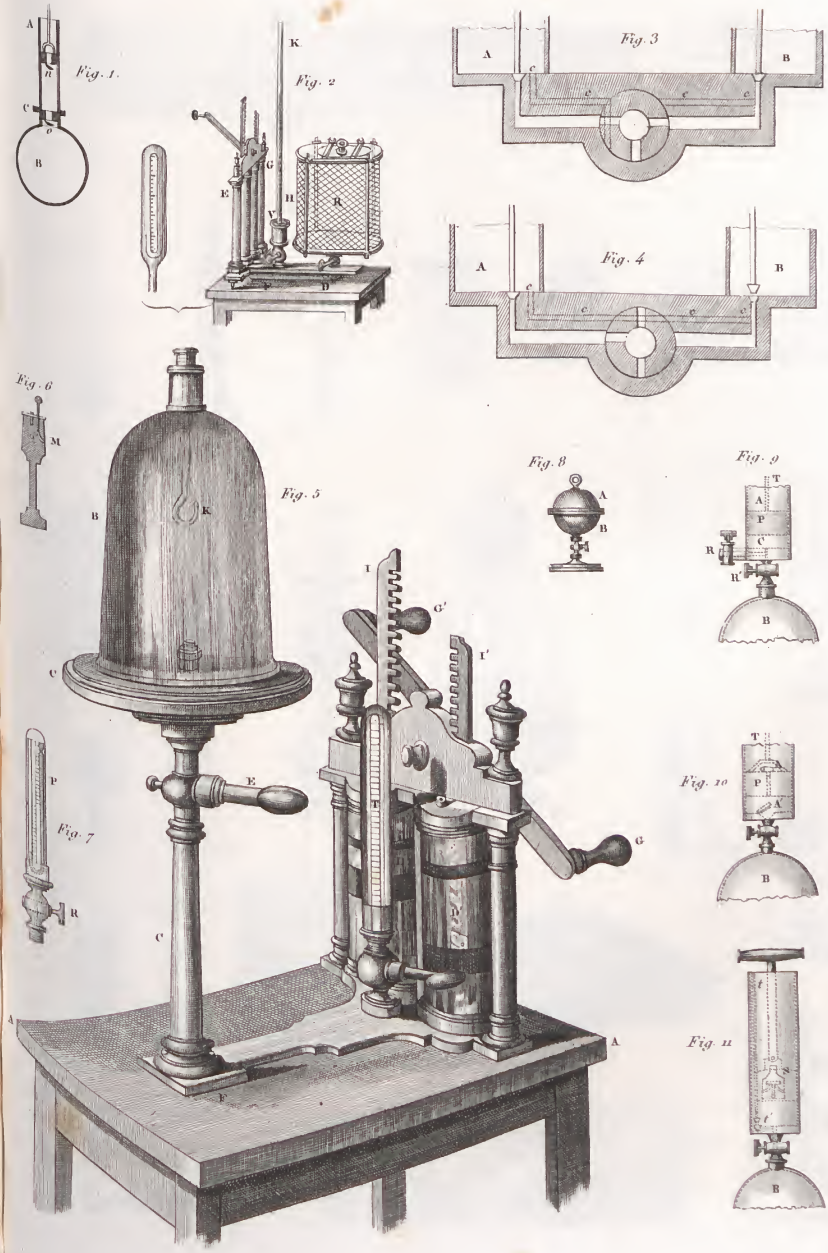
BUSSOLA DELLE VARIAZIONI DIURNE



BUSSOLA DELLE INTENSITA' ED APPARECCHI MAGNETICI



MACCHINE: PNEUMATICA, DI COMPRESSIONE, ECC.



FISICA

APPARECCHI PNEUMATICI CON ALCUNI STROMENTI DI MISURA

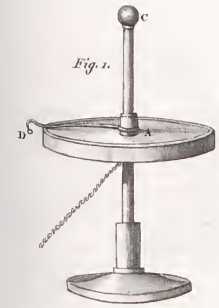


Fig. 1.
C
D
A

Fig. 2.
B
A
C
A

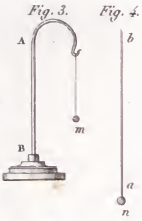


Fig. 3.
A
B
m
Fig. 4.
b
a
n

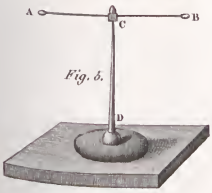

A
C
B
Fig. 5.
D

Fig. 6.
A
B

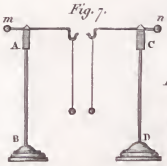


Fig. 7.
m
n
A
C
B
D

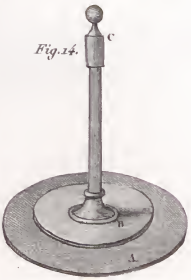


Fig. 14.
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B
A

Fig. 13.
A
B
C

Fig. 11.

Fig. 12.

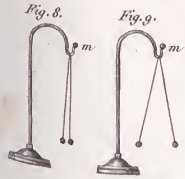
Fig. 8.
m
Fig. 9.
m

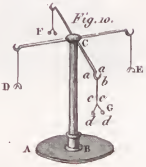
Fig. 10.
F
C
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E
a
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G
d
A
B

Fig. 18.
a

Fig. 19.
a
b

Fig. 15.

Fig. 16.

Fig. 17.
a

Fig. 21.
C
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Fig. 20.
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Fig. 23.

Fig. 24.

Fig. 25.

Fig. 26.

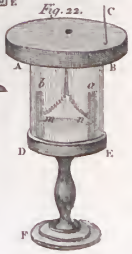
Fig. 22.
C
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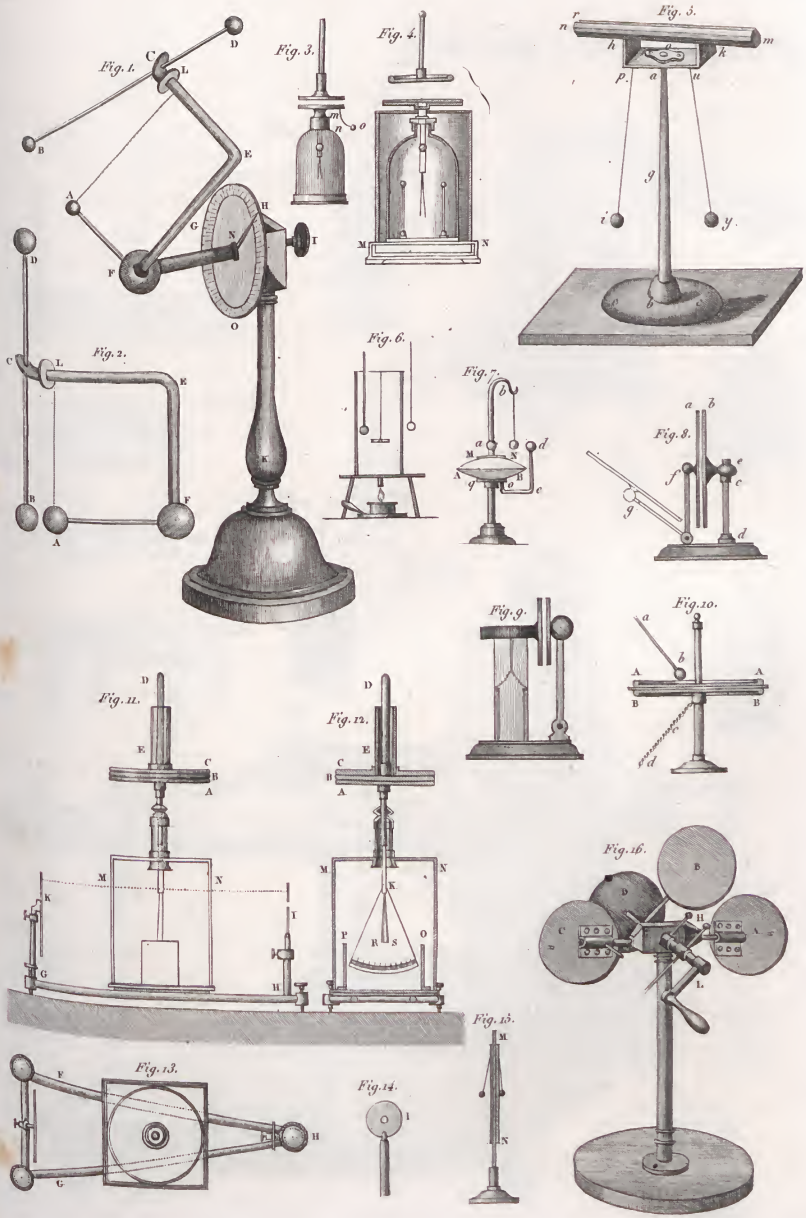
F

APPARECCHI ELETTRICI



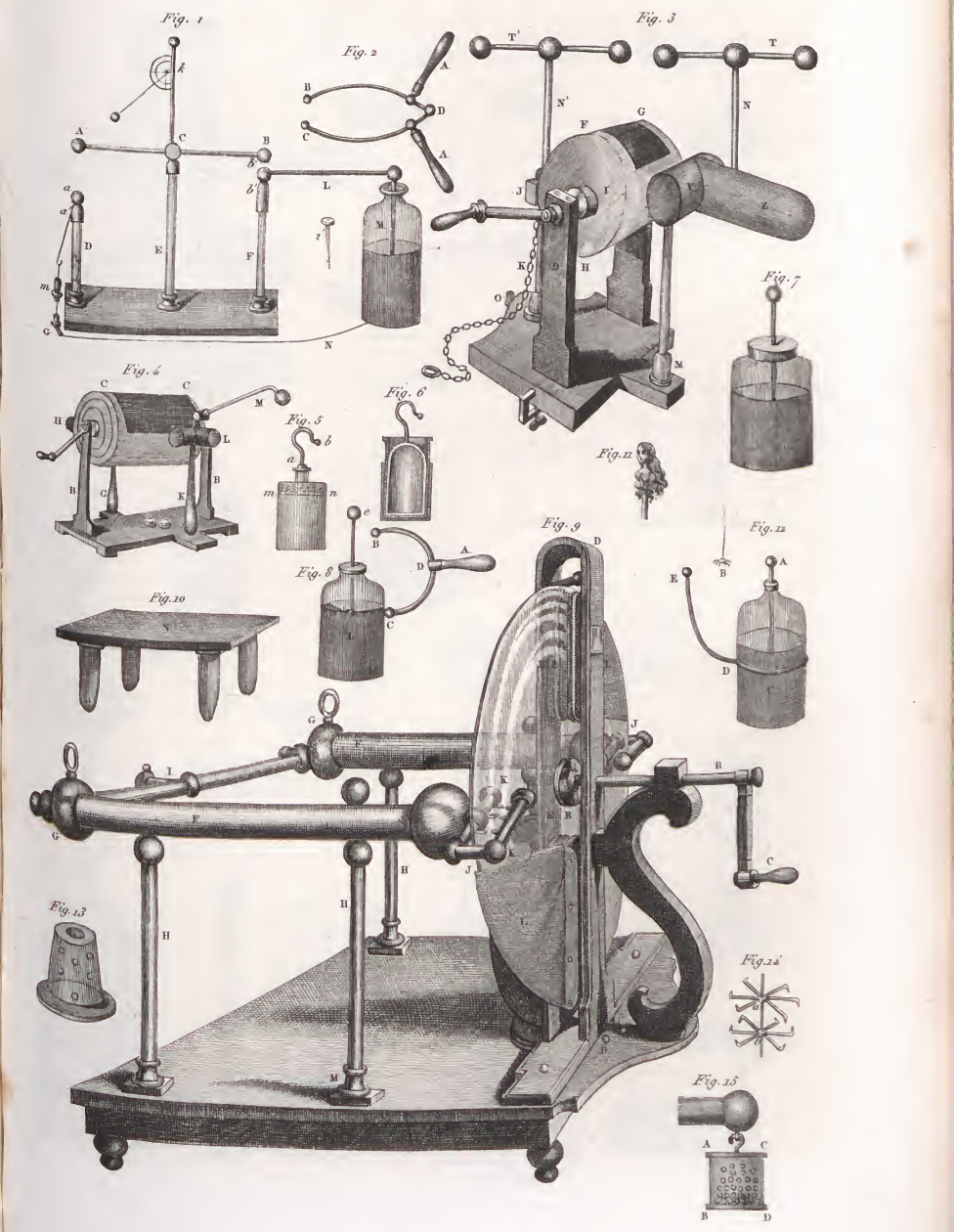


Fig. 1
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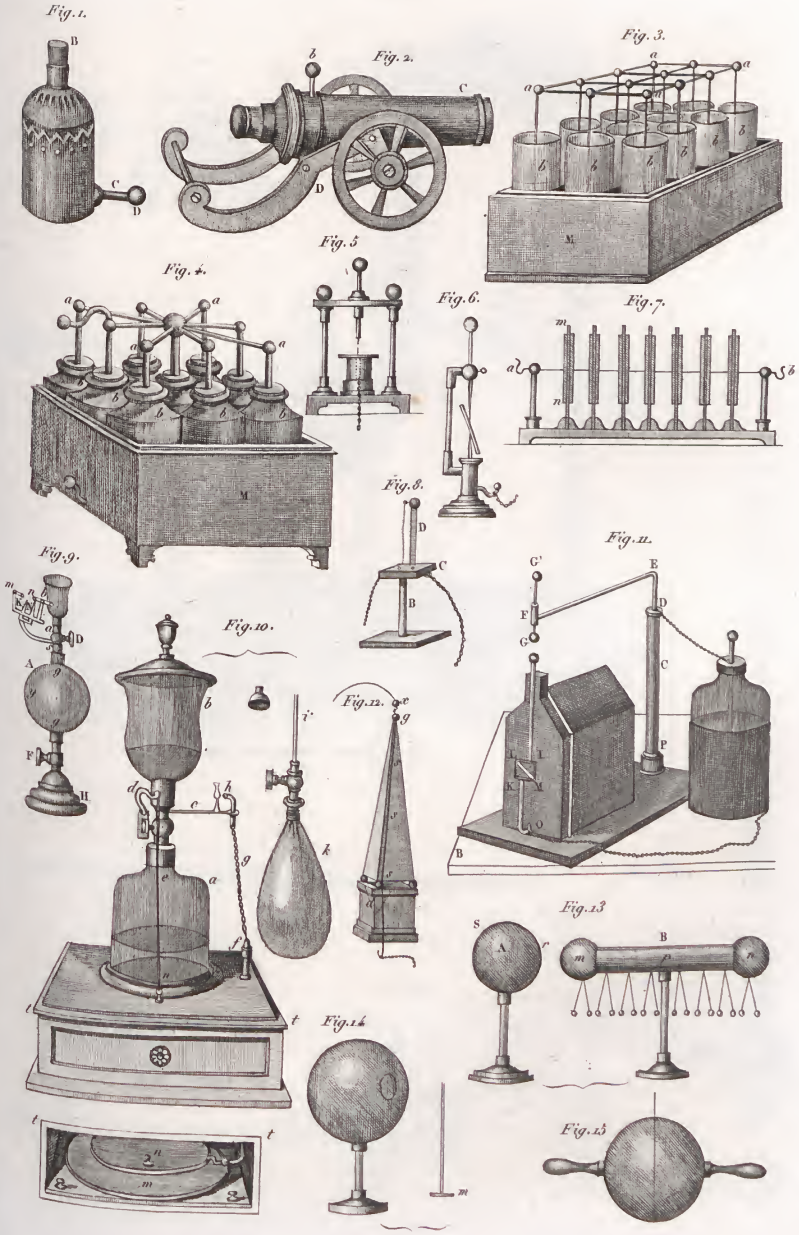
Fig. 19
Fig. 20

FISICA

APPARECCHI ELETTRICI



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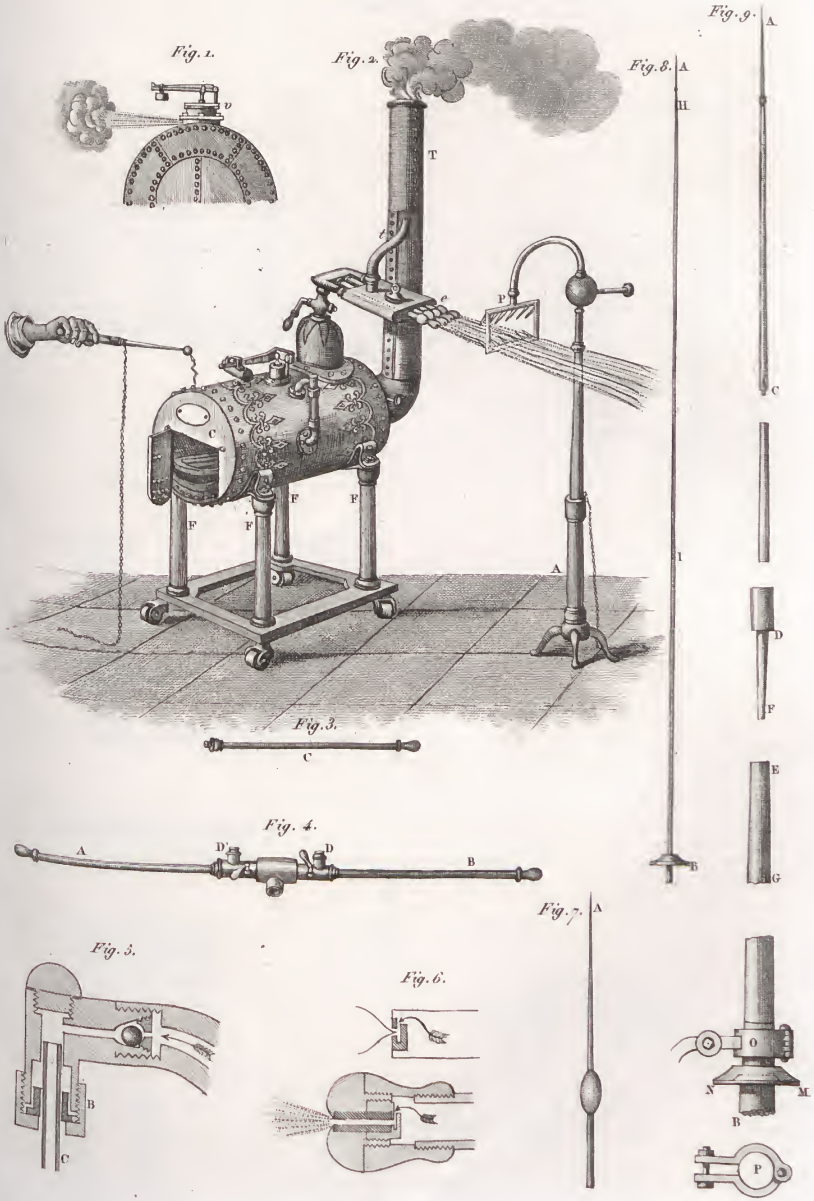
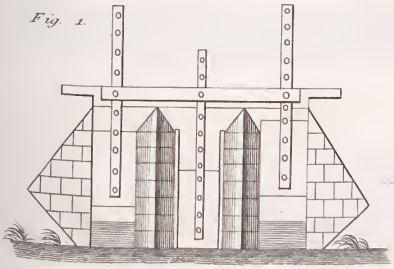


Fig. 1.



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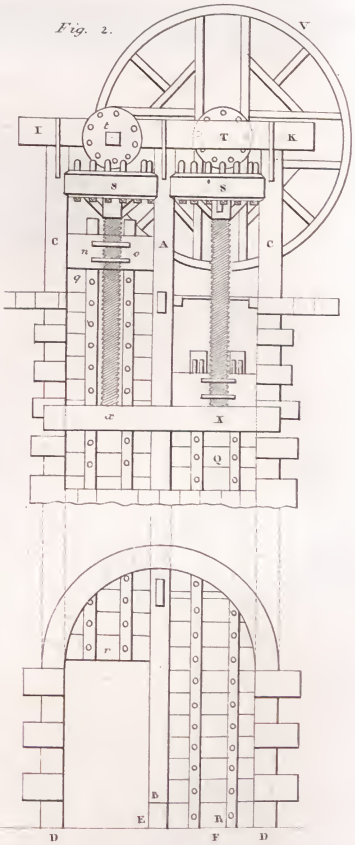

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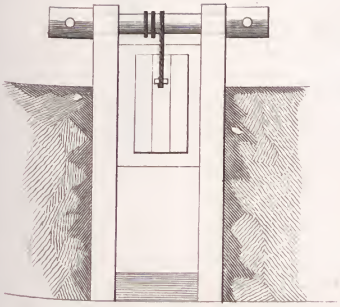


Fig. 4.

Fig. 5.

Fig. 6.

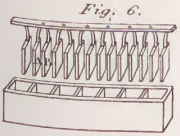
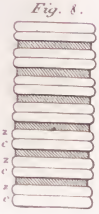


Fig. 7.

Fig. 8.



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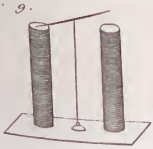


Fig. 10.

Fig. 11.

PIROMETRI

Fig. 1

Fig. 2

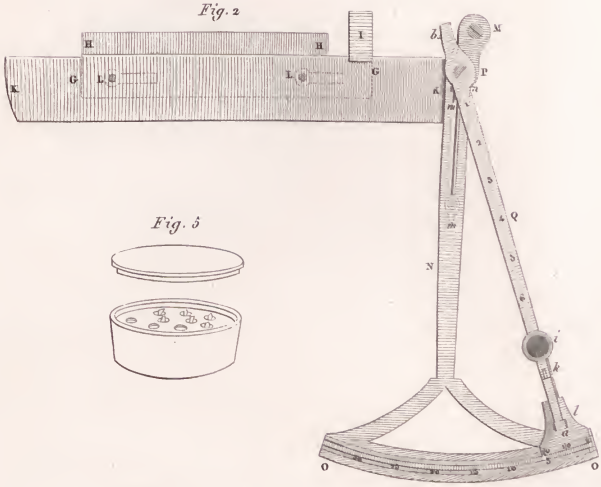


Fig. 3

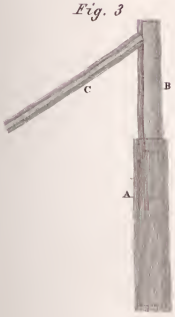


Fig. 5

Fig. 4.

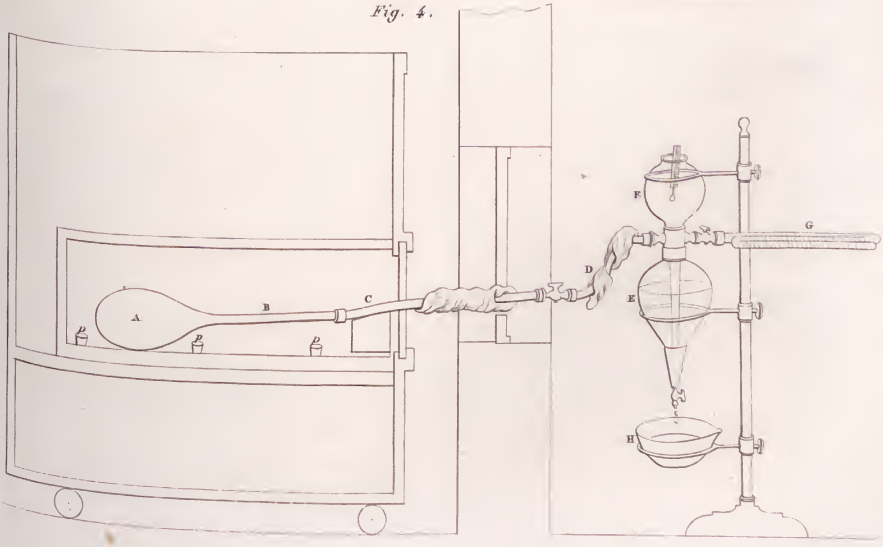


Fig. 1.

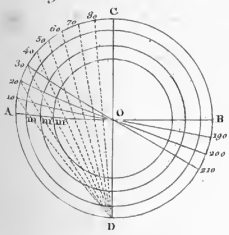


Fig. 2

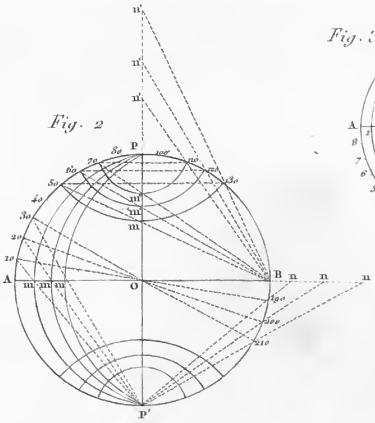


Fig. 3

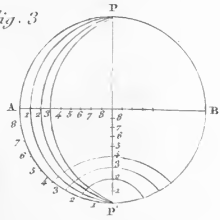


Fig. 4

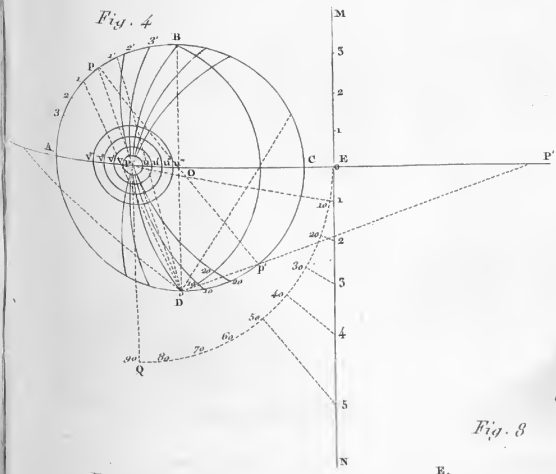
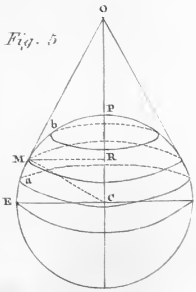


Fig. 5



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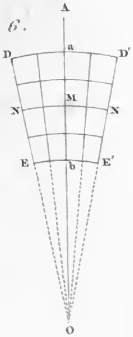

Fig. 7

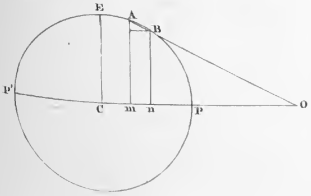

Fig. 8

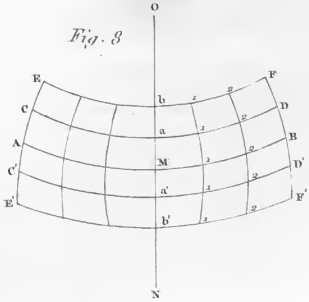

TAVOLA DELLE ALTEZZE COMPARATIVE DELLE PIÙ FAMOSE CASCATE E CATERATTE

N.B. LE ALTEZZE SONO CALCOLATE DAL PUNTO DI PARTENZA DELLE CASCATE SINO AL LIVELLO DEL BACINO IN CUI CADONO.

Le Cateratte del Missori, dell' Oyapoc e dell' Orenoco non sono perpendicolari, ma composte di una serie di piccole cadute che formano una corrente precipitosa.

			Metri				
a.	*Gavarnie*	*Pirenei*	410	k.	*Staubbach*	*Svizzera*	290
b.	*Renkan*	*Norvegia*	280	l.	*Sceuleio*	*Pirenei*	289
c.	*Tequendama*	*Colombia*	177	m.	*Lulea*	*Svezia*	195
d.	*Missori*	*America Sett.l*	124	n.	*Rio*	*Colombia*	110
e.	*Grey mares tail*	*Scozia*	114	o.	*Vaxe vache*	*Svizzera*	97
f.	*Terni*	*Italia*	88	p.	*Montmorency*	*Canadà*	78
g.	*Reichenbach superiore*	*Svizzera*	65	q.	*Niagara*	*Canadà*	52
h.	*Reno a Lauffen*	*Svizzera*	19	r.	*Wilberforce*	*America Sett.l*	51
i.	*Tivoli*	*Italia*	16	s.	*Kakabika*	*America Sett.l*	39
j.	*Mississipì a S. Antonio*	*America Sett.l*	3	t.	*Oyapoc*	*Guiana Franc.*	26
				u.	*Orenoco*	*America Merid.*	10
				v.	*Senegal a Felù*	*Africa*	2
				x.	*Nilo, ultima cateratta*	*Africa*	1½

Longitudine contata dal Meridiano di Parigi
AFRICA
Tropico del Capricorno
Tropico del Cancro
Equatore
Deserto Etiopico
Terreno elevato e deserto
Capo di Buona Speranza
Leghe comuni di Francia
Leghe Marine

Cour Tesse inc.

AMERICA
SETTENTRIONALE
Longitudine comata dal Meridiano di Parigi
MARE DI BERING
GOLFO DEL MESSICO
Tropico del Cancro
Artico
Polare
Circolo Polare Artico
Leghe comuni di Francia
Leghe Marine
Guar Perse inc.

ASIA
OCEANO GLACIALE ARTICO
MARE DI BEHRING
ISOLE AEUTE
IMPERO DI AUSTRIA
RUSSIA EUROPEA
MARE NERO
MARE CASPIO
MONGOLIA
IMPERO CINESE
IMPERO DEL GIAPPONE
ISOLA DI YESSO
ISOLA DI FORMOSA
ISOLE FILIPPINE
MARE DELLE INDIE
GOLFO D'OMAN
GOLFO DEL BENGALA
MARE ROSSO
Equatore o linea Equinoziale
Tropico del Cancro
Longitudine dal Meridiano di Parigi
Leghe comuni di Francia
Leghe Marine

OCEANO GLACIALE ARTICO
EUROPA
Circolo Polare Artico
Reikiavik
Isole Faroe
Is.ni Scheetland
Edimburgo
Dublino
Londra
La Manica
Copenaghen
Stockholm
Christiania
Upsala
Wasa
Cronstadt
Pietroburgo
Mosca
Varsavia
Berlino
Amsterdam
Bruxelles
Parigi
Vienna
Praga
Pest
Lisbona
Madrid
Roma
Napoli
Palermo
Cagliari
Corsica
Malta
Candia
Costantinopoli
Smirne
Salonichi
Belgrado
Bucarest
Odessa
Sebastopoli
Kiew
Kazan
Orenburg
Sembirsk
Saratow
Astrachan
Tiflis
Erzerum
Trebizonda
Aleppo
Bagdad
Tunisi
Algeri
Tripoli
Cairo
Alessandria
Gerusalemme
Mecca
Medina
Teheran
Ispahan
Kandahar
Cabul
Bokhara
Samarcanda
Tashkent
Kokand
Kasan
Viatka
Perm
Tobolsk
Tomsk
Irkutsk
Jakutsk
Nikolaiev
Ekaterinoslav
Kiew
Kursk
Tambov
Voronez
Kaluga
Tula
Smolensko
Pskow
Wilna
Kowno
Grodno
Lublino
Varsavia
Cracovia
Lemberg
Kamenetz
Jassy
Bucarest
Belgrado
Sofia
Adrianopoli
Costantinopoli
Smirne
Salonichi
Corfù
Candia
Cipro
Rodi
Malta
Cagliari
Palermo
Napoli
Roma
Livorno
Genova
Torino
Milano
Venezia
Trieste
Vienna
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Amsterdam
Bruxelles
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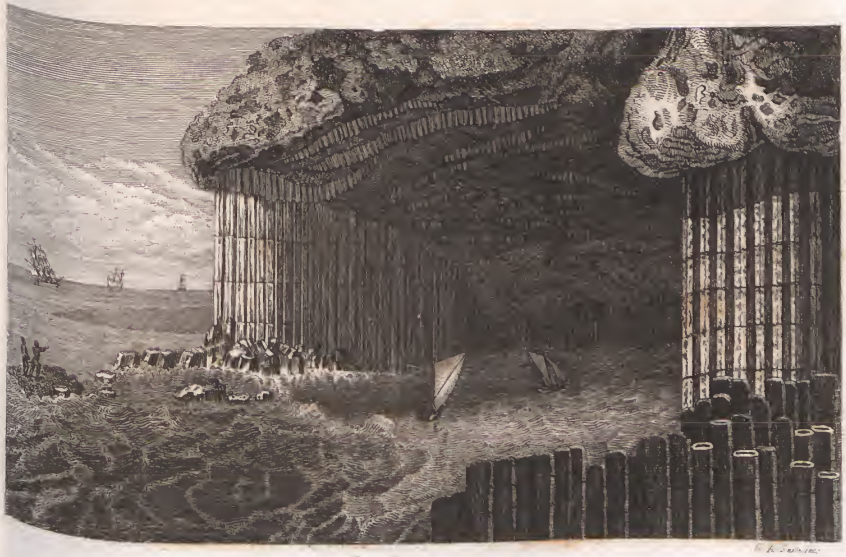
Edimburgo
Dublino
Lisbona
Madrid
Algeri
Tripoli
Tunisi

G. Bischetti inc.

ASIA
GRANDE OCEANO BORIALE
CHINA
Canton
Hainan
Tonkin
Siam
Cochinchina
Manilla
Luzon
Mindanao
Negros
Palawan
Borneo
Celebes
Batavia
Java
Sumatra
Timor
Molucche
Nuova Guinea
Papuasia
Australia Settentrionale
Arcip. delle Sunga Bretagna
Arcip. di Sumbava
Arcip. delle Marianne
Arcip. delle Carroline
Arcip. delle Sandwich
Arcip. di Mendana
Arcip. di Bougainville
Arcip. di Viti
Arcip. di Tonga
Arcip. di Cook
Arcip. di Tahiti
Arcip. di Washington
Arcip. di Nuova Hanover
Arcip. di Nuova Irlanda
Arcip. di Nuova Bretagna
Arcip. di Nuova Caledonia
Arcip. di Nuova Olanda
Arcip. di Nuova Zelanda
Arcip. di Tasmania
Arcip. di Nuova Galles del Sud
Arcip. di Nuova Galles del Mezzo
Arcip. di Nuova Galles del Nord
Arcip. di Nuova Galles del Ponente
Arcip. di Nuova Galles del Levante

Scala di piedi 5280 al Miglio applicabili alle Montagne
30000
25000
20000
15000
10000
5000
0
S. Elena 1000 P.
Gibilterra 1400 P.
Piramidi d'Egitto 500 P.
Carcere di Bow-Street 489 P.
Osservatorio di Greenwich 214 P.
Londra 63 P.
Pope Bazz 400 P.
Cattedrale Salisbury 410 P.
Edinburgo 366 P.
Arthur Craig 1105 P.
Pan di Breckinock 2967 P.

Alzata (Causeway) dei Giganti (Irlanda)



Grotta di Fingal. Isola di Staffa (Scozia)

STRUMENTI

Fig. 3

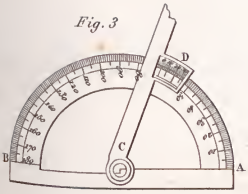


Fig 4

Fig 5

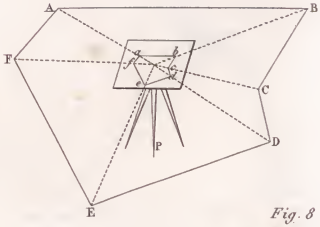


Fig. 1

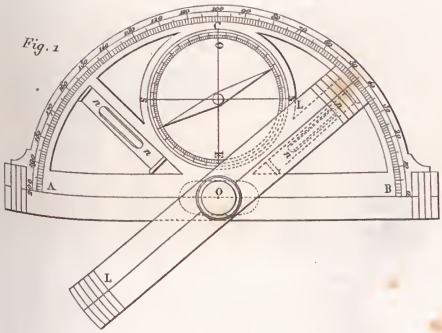
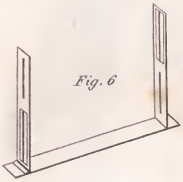


Fig. 8

Fig. 6



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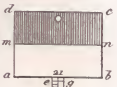

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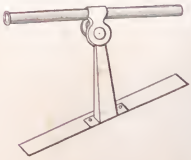

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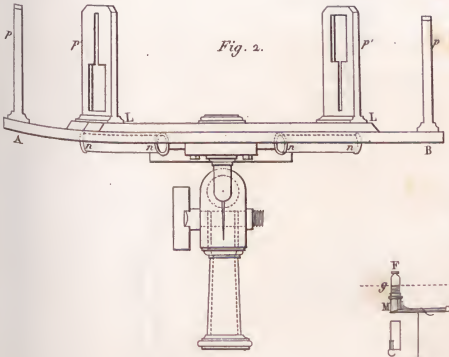


Fig. 11

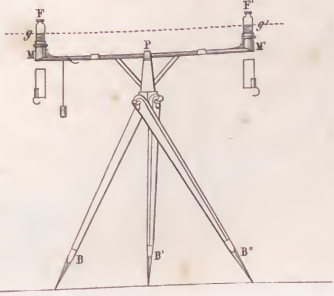
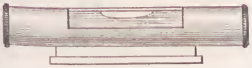


Fig. 10



STRUMENTI

Fig. 1

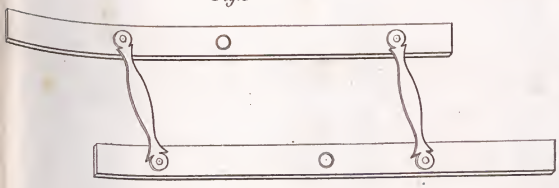


Fig. 8

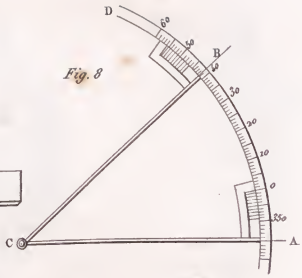


Fig. 2

Fig. 3

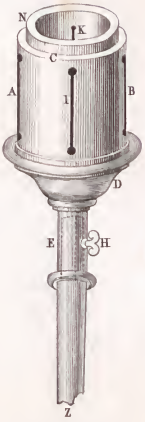


Fig. 7.

Fig. 6

Fig. 9

Fig 10

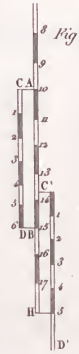


Fig. 4

Fig. 5

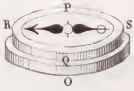


Fig. 1.

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

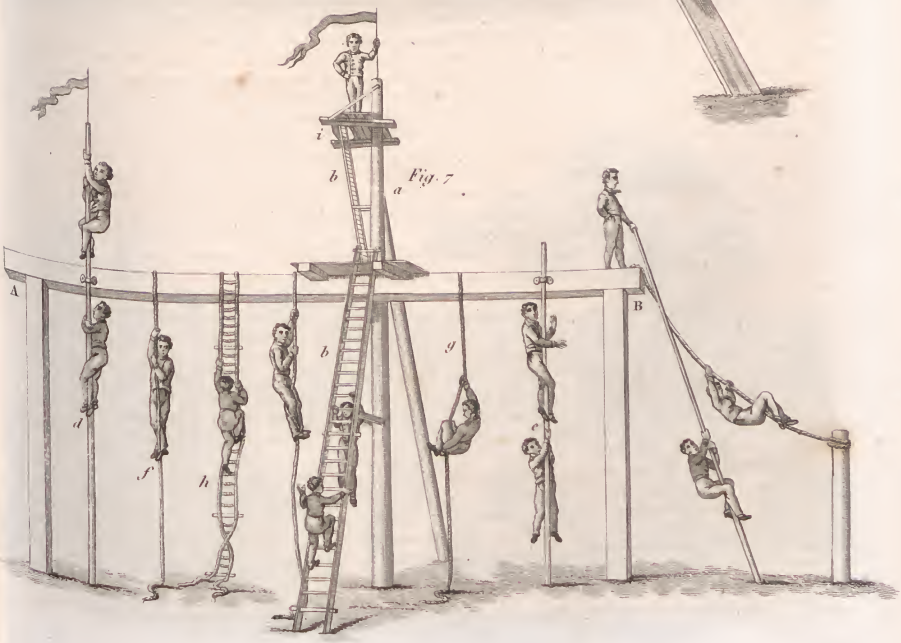


Fig. 7
a
b
i
A
B
d
f
h
b
g
e

Fig. 1
Fig. 3
Fig. 2

Fig. 4
a
A
B
b
c
d

FUNGHI /MANGERECCI/

I

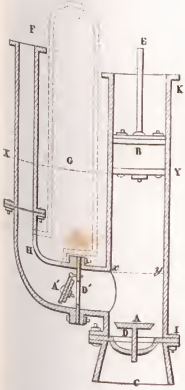
IGIENE

FUNGHI (VELENOSI)

II

TROMBE

Fig. 1.



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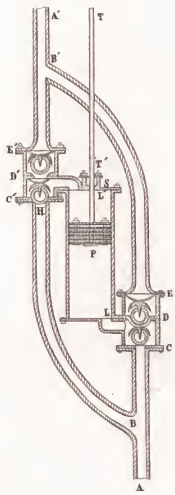

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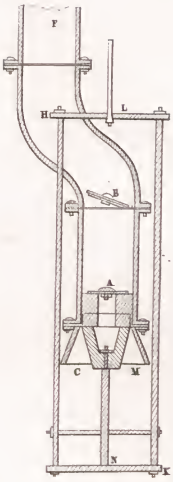

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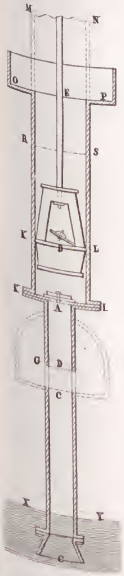

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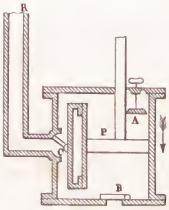

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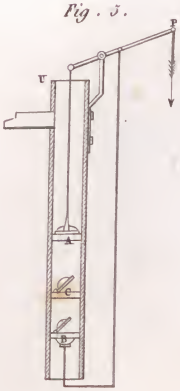
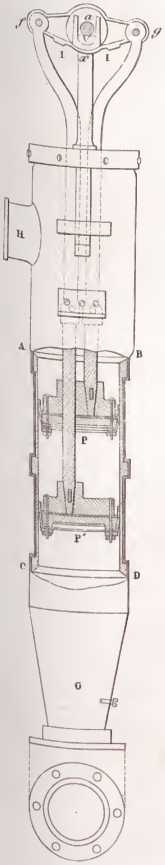


TROMBE

Fig. 8.



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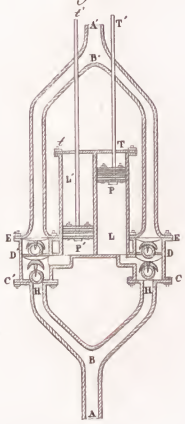

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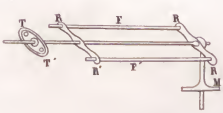

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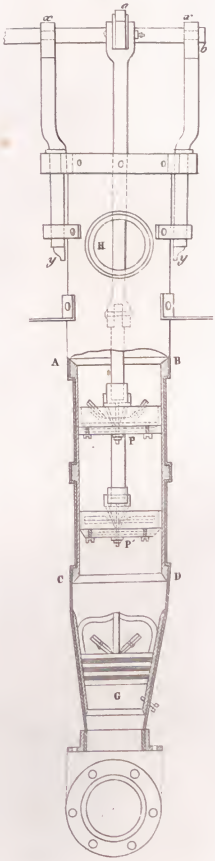


TROMBE

Fig. 15.

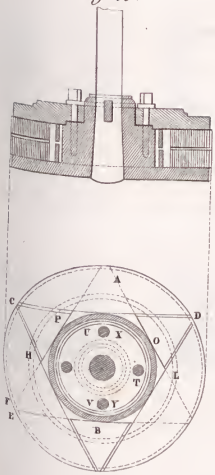


Fig. 12

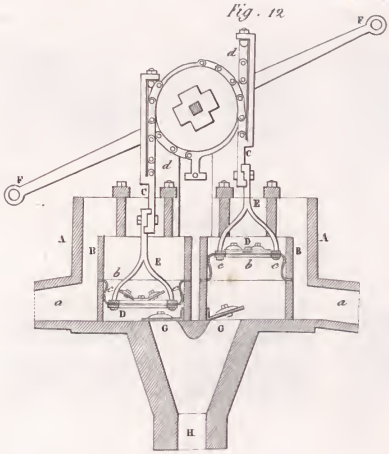
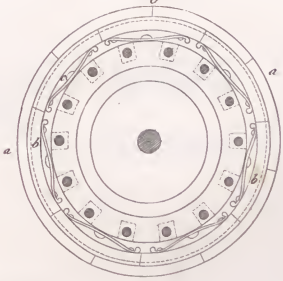


Fig. 16.



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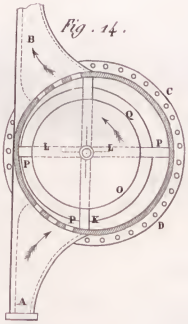

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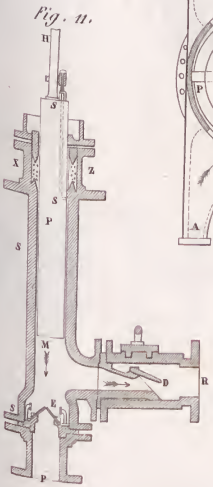

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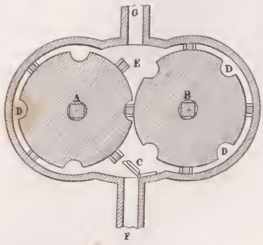


MARINERIA

BANDIERE

(A) Pel Impresso delle navi da guerra

MARINERIA

BANDIERE

RUSSIA

Bandiera Imperiale

Jack

Di Guerra

Mercantile

Compagnia dell'America Russa

RUSSIA

Per domandare un Piloto

CITTÀ LIBERE

Amburgo

Brema

Lubecca

Francofòrte

DANIMARCA

Bandiera Reale

Di Guerra

Mercantile

Mercantile pel Mediterraneo

Per domandare un Piloto

OLANDA

Bandiera Reale

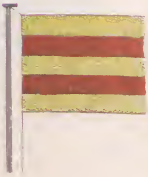
Di Guerra e Mercantile

Per domandare un Piloto

SVIZZERA

Bandiera Federale (A)

LUCCA

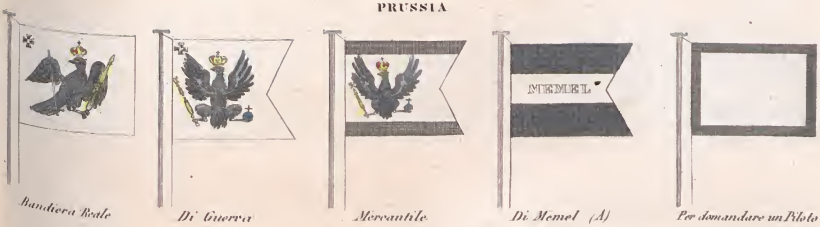


(A) Questa appartiene a tutta la Confederazione. Ciascun cantone ha inoltre la sua particolare

MARINERIA

BANDIERE

PRUSSIA

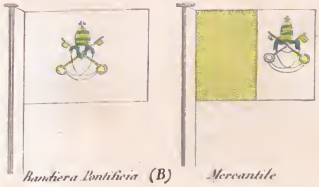


Bandiera Reale — Di Guerra — Mercantile — Di Memel (A) — Per domandare un Piloto

AUSTRIA

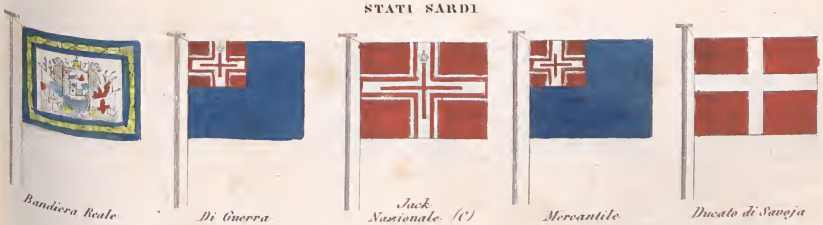
Bandiera Imperiale — Di Guerra e Mercantile — Per domandare un Piloto

STATO DELLA CHIESA



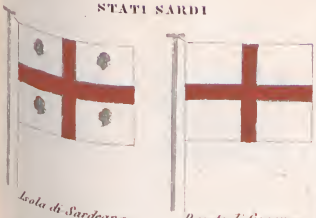
Bandiera Pontificia (B) — Mercantile

STATI SARDI



Bandiera Reale — Di Guerra — Jack Nazionale (C) — Mercantile — Ducato di Savoja

STATI SARDI



Isola di Sardegna — Ducato di Genova

TOSCANA

Bandiera di Guerra — Mercantile

ISOLE JONIE

(A) Questa Bandiera si porta anche senza il nome della Città
(B) V'ha una altra Bandiera che viene soltanto inalberata sede vacante
(C) Serve pure per distintivo dell' Ammiraglio in capo

MARINERIA

BANDIERE

(A) I Bastimenti mercantili armati in corso portano lo Stemma Reale come quelli di Guerra.

(B) In questo Impero vi sono più Bandiere di colori variabili.

(C) I Bastimenti mercantili portano anche una Bandiera tutta rossa, ed una gialla con tre mezze lune bianche.

MARINERIA

BANDIERE

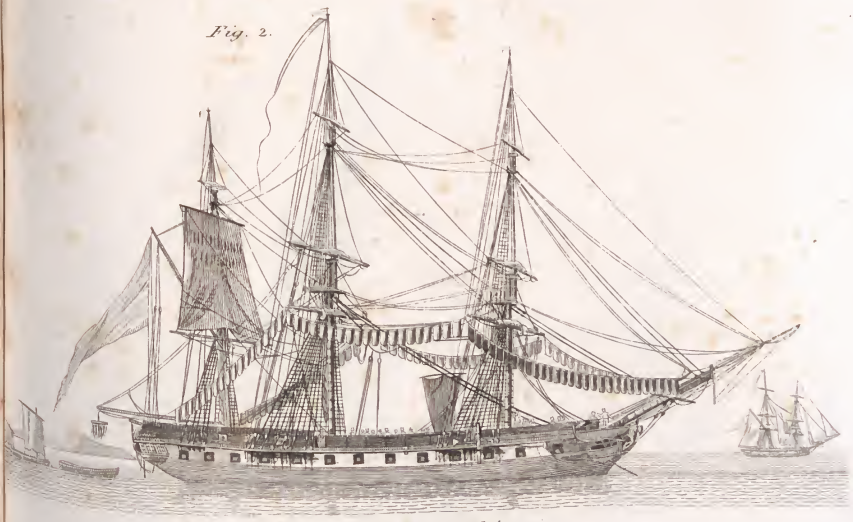
(A) Ciascun Principe Giapponese ha la sua Bandiera particolare.

(B) La Bandiera de Dogana porta le strisce rosse verticali. Il 1° Comodoro ha una Bandiera a punta azzurra con stelle bianche; il 2° rossa; il 3° bianca con stelle azzurre. La Bandiera di Sanità è tutta gialla.

(C) Queste Bandiere differiscono soltanto nello Scudo.

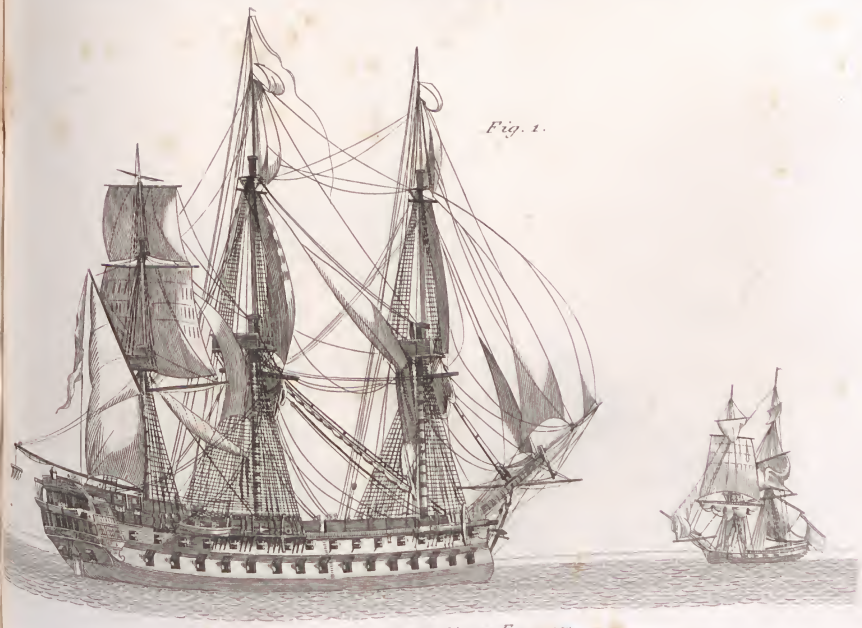
NAVI

Fig. 2.



Fregata degli Stati Uniti d'America

Fig. 1.



Vascello di linea Francese

NAVI

Corsari Francesi

Goletta

Fig. 2.

Sloop

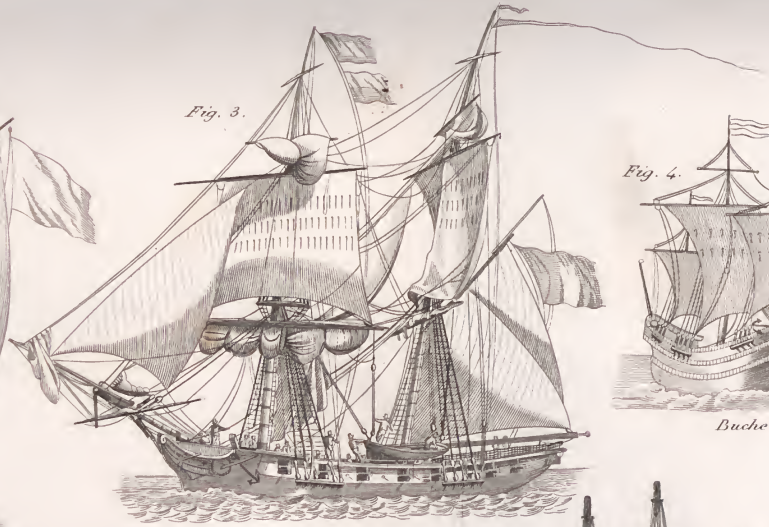


Fig. 3.

Brigantino

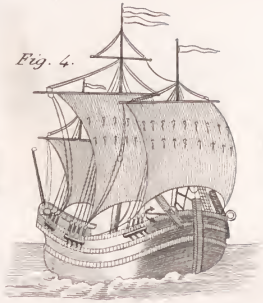


Fig. 4.

Buche

Fig. 5.

Cague

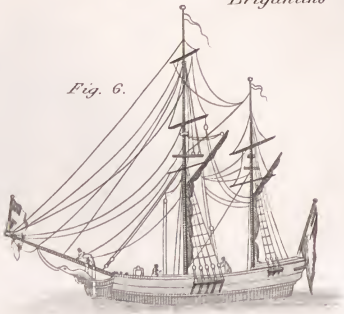


Fig. 6.

Checchia

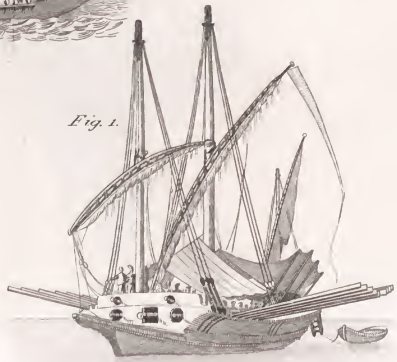
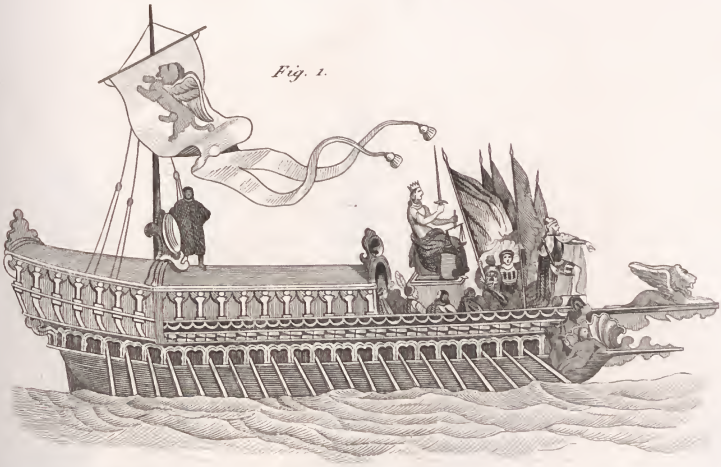
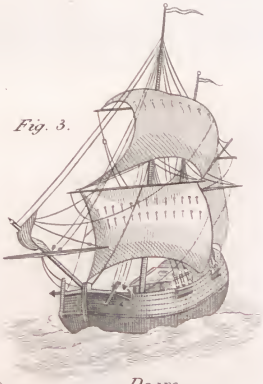


Fig. 1.

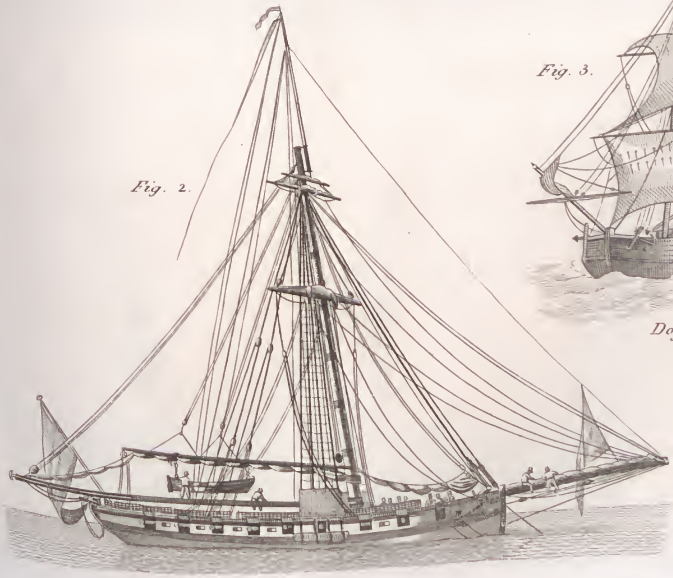
Mezza galera



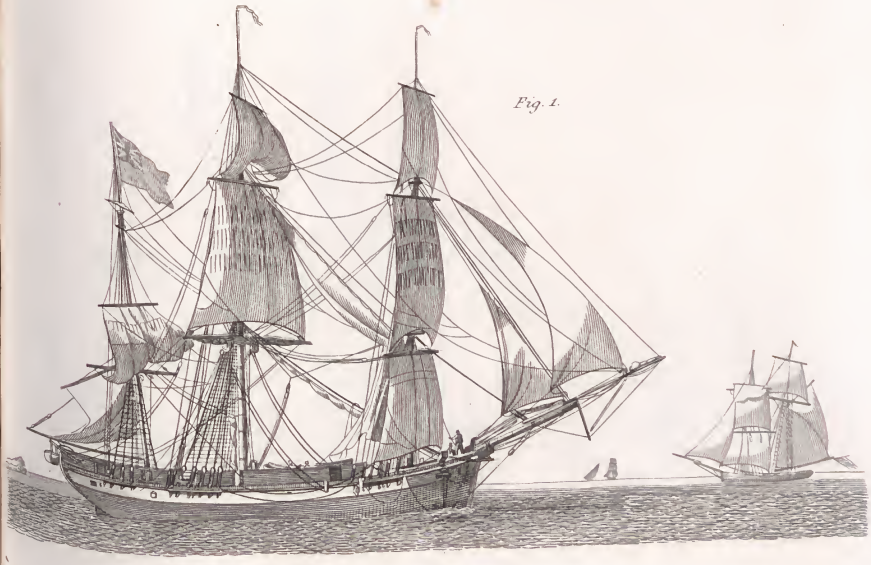
Bucintoro



Dogre



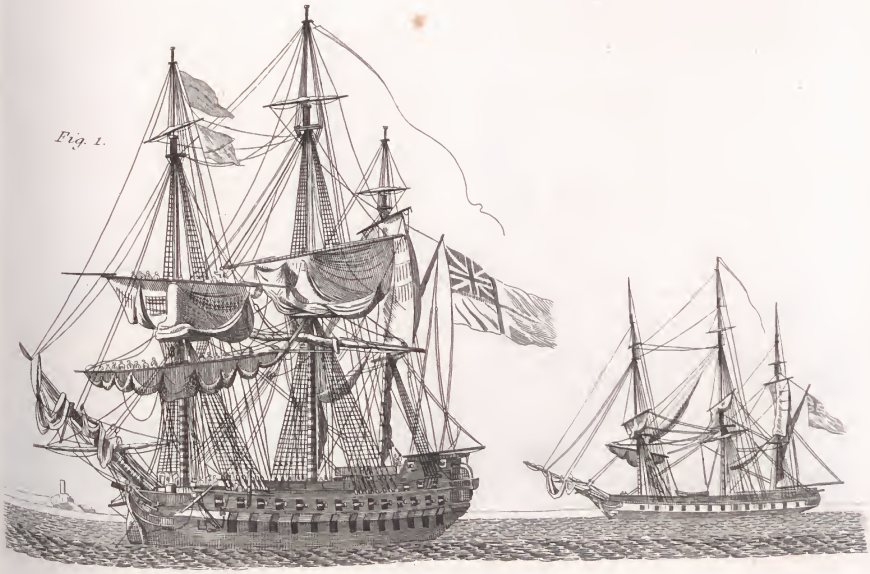
Cutter



Vascello mercantile Inglese

Feluca

Fig. 1.

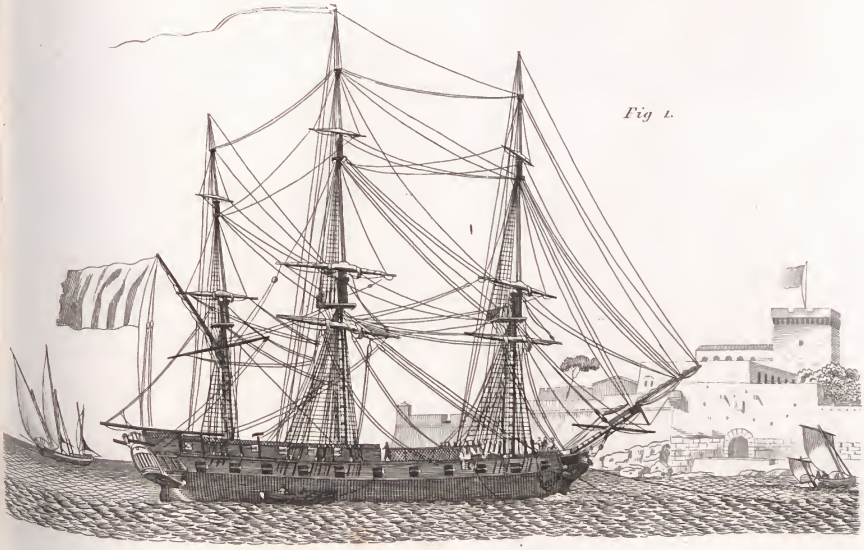


Vascello di linea e Fregata Inglese

2.

Tartana

Fig 1.



Corvetta Francese

2.

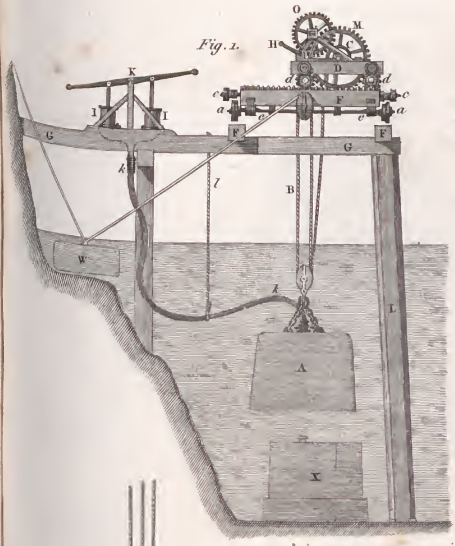
Bombarda Francese

3.

Vascello a tre Ponti

ARTE DEL PALOMBARO

Fig. 1.



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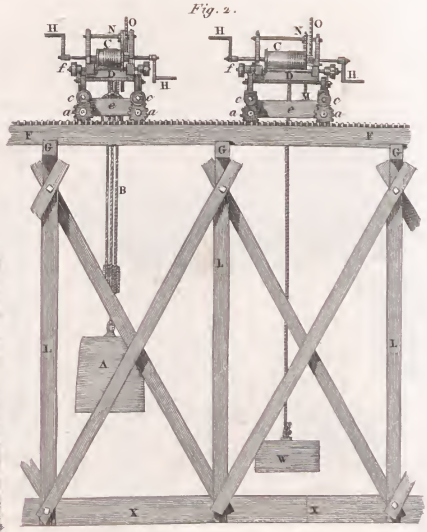
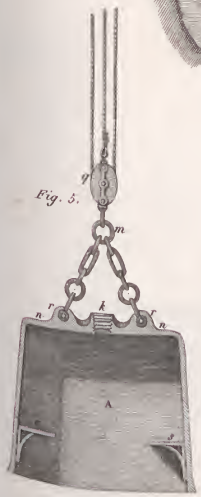


Fig. 5.



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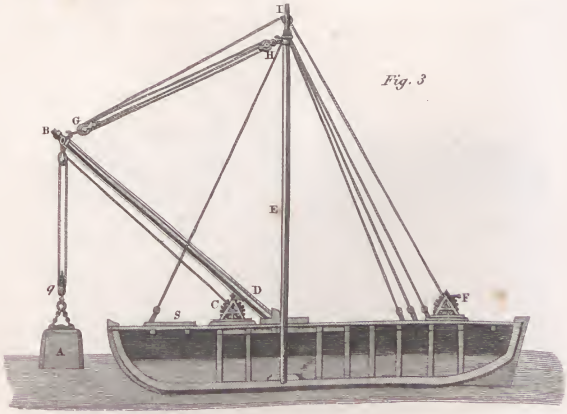

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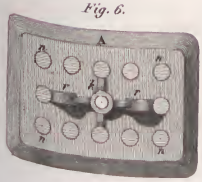

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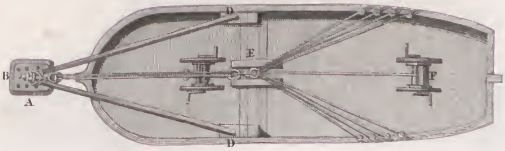


Avoscine

ARTE DEL PALOMBARO

Armatura di Klingert

Fig. 1.

Campana di Triewald

Fig. 6.

Cassa di Rowe

Fig. 4.

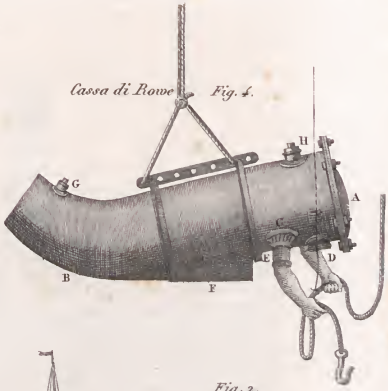


Fig. 2.

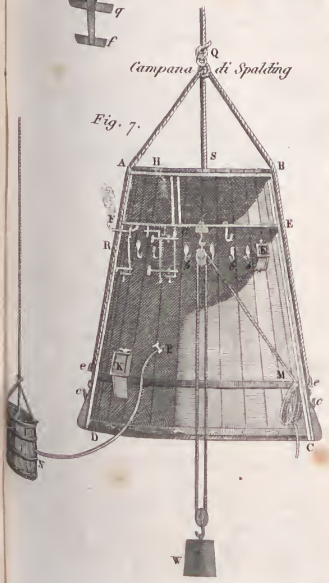
Fig. 3.

Campana di Halley

Fig. 5

Campana di Spalding

Fig. 7.



Allen inc

Fig. 4

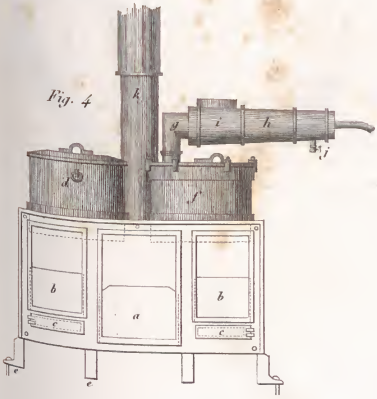


Fig. 5

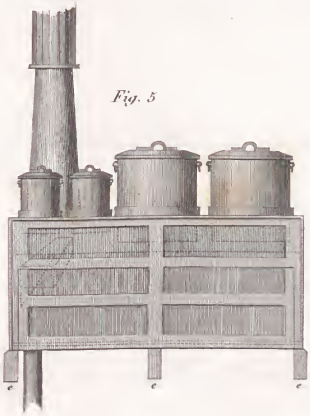
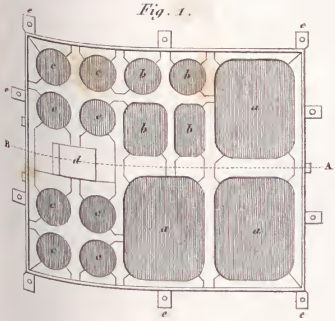


Fig. 1.



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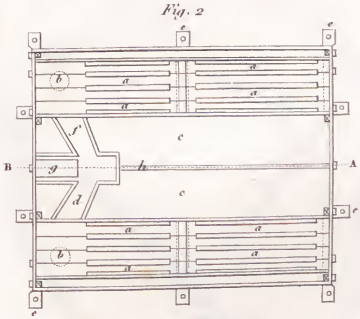

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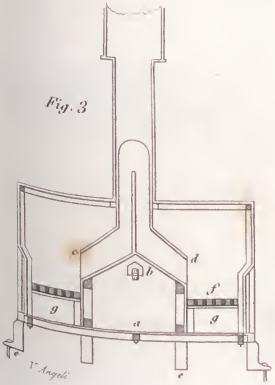

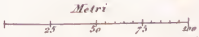

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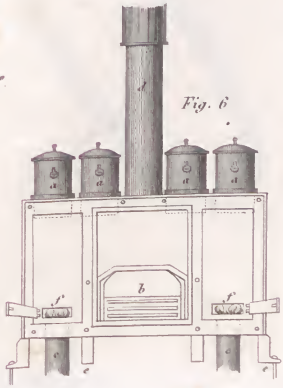
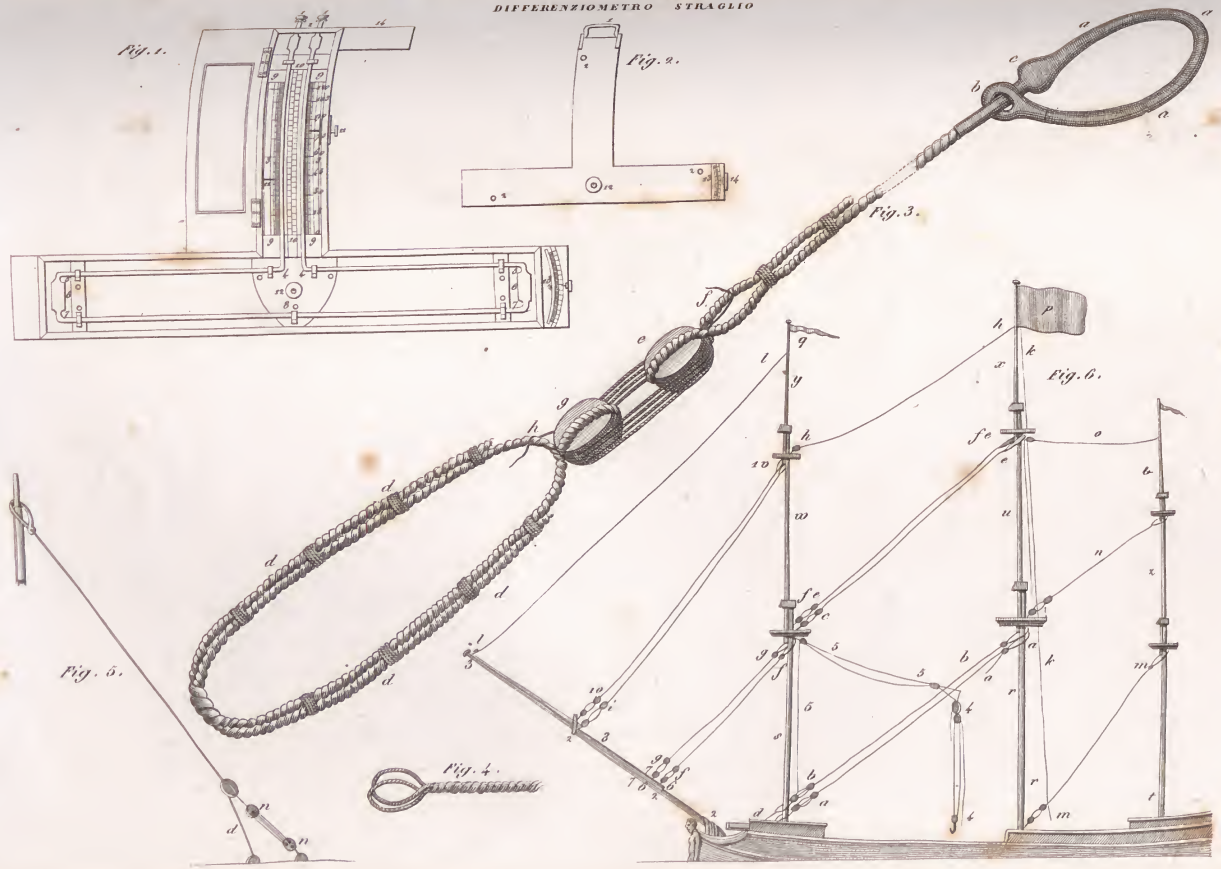


V. Angeli

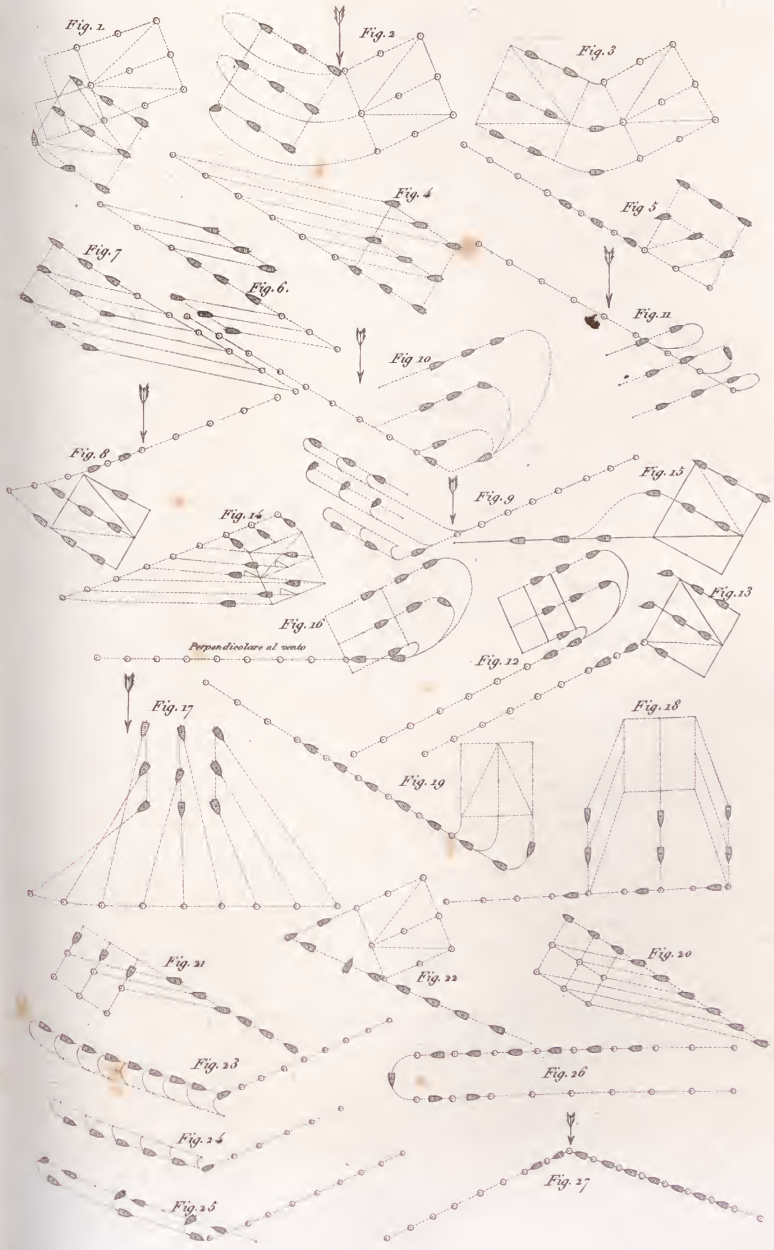
MARINERIA

DIFFERENZIOMETRO STRAGLIO



MARINERIA

EVOLUZIONE



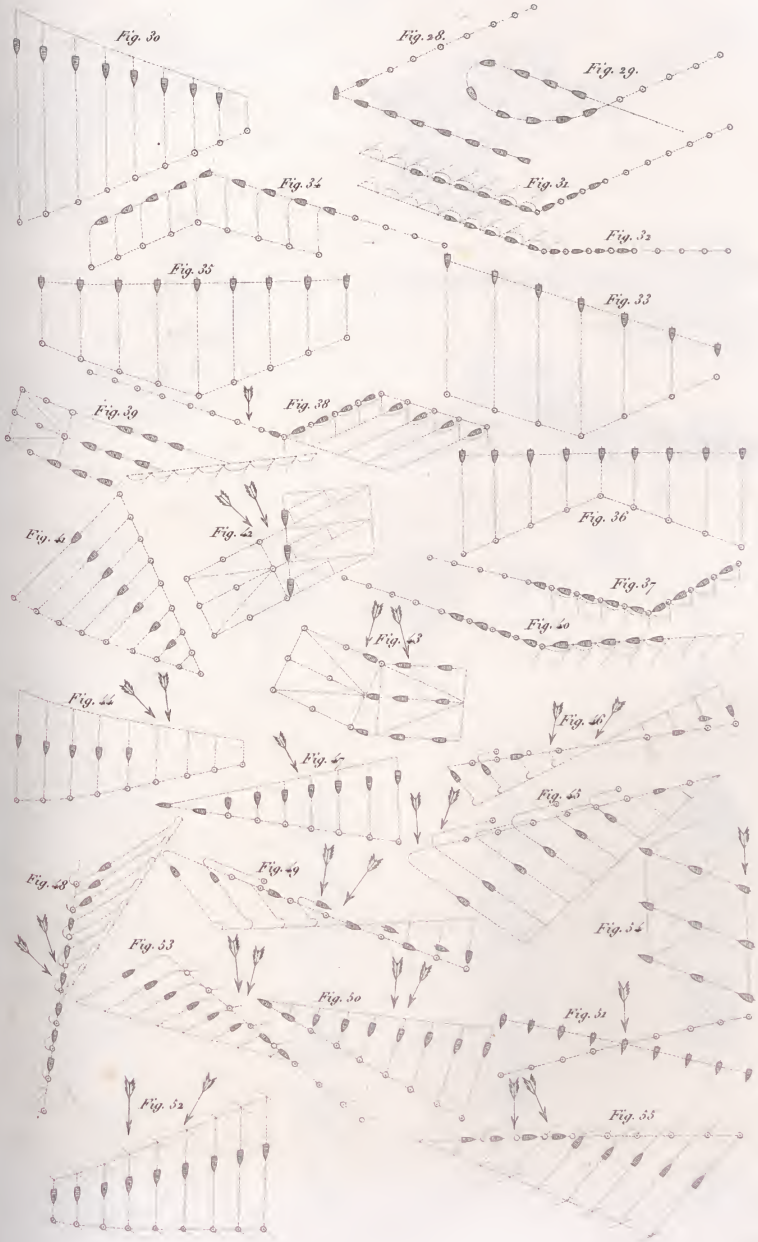


Fig. 30
Fig. 28.
Fig. 29.
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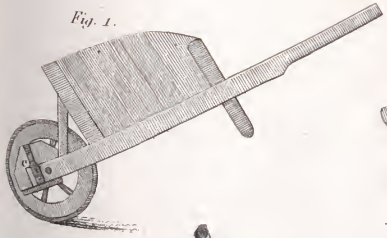
Fig. 1.



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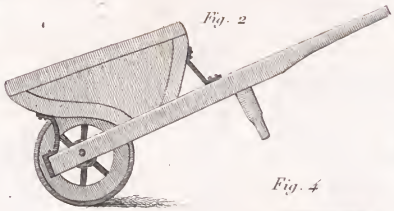


Fig. 3

Fig. 4

Fig. 5

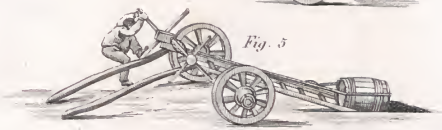
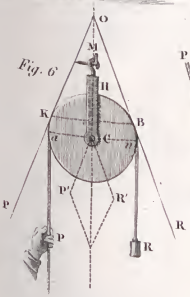


Fig. 6



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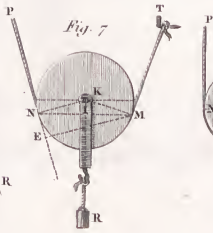


Fig. 8

Fig. 9

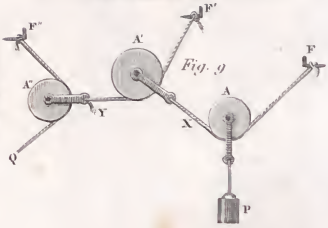
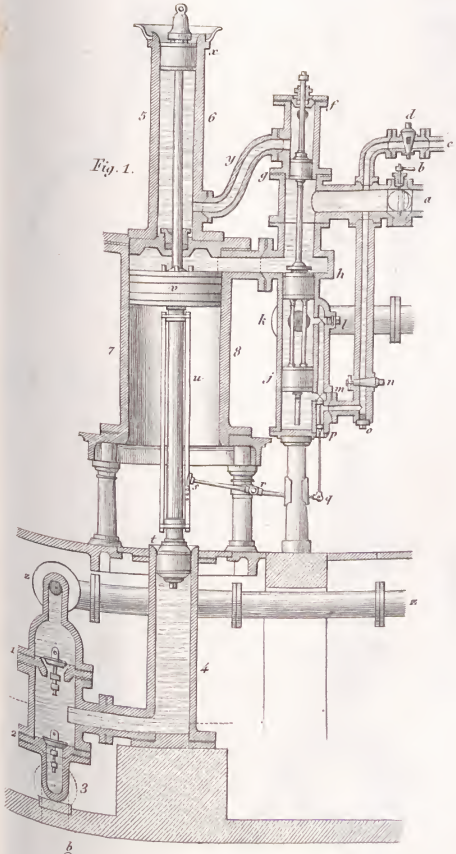


Fig. 10

Fig. 11

Fig. 12

Fig. 13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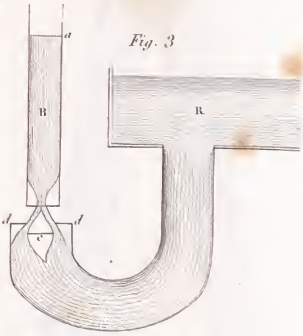
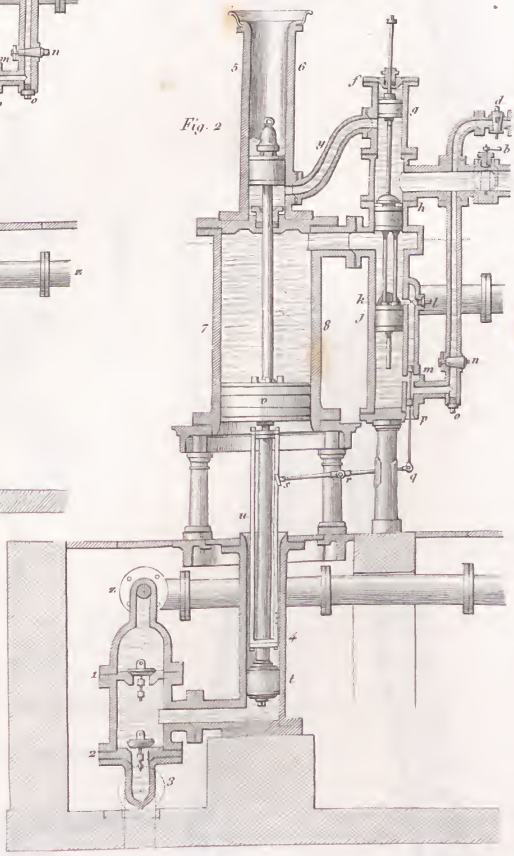


Fig. 3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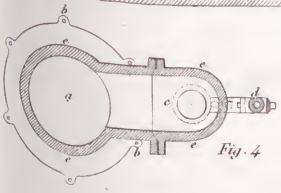
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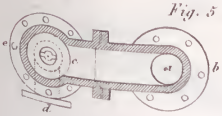
Fig. 5

COMPASSI

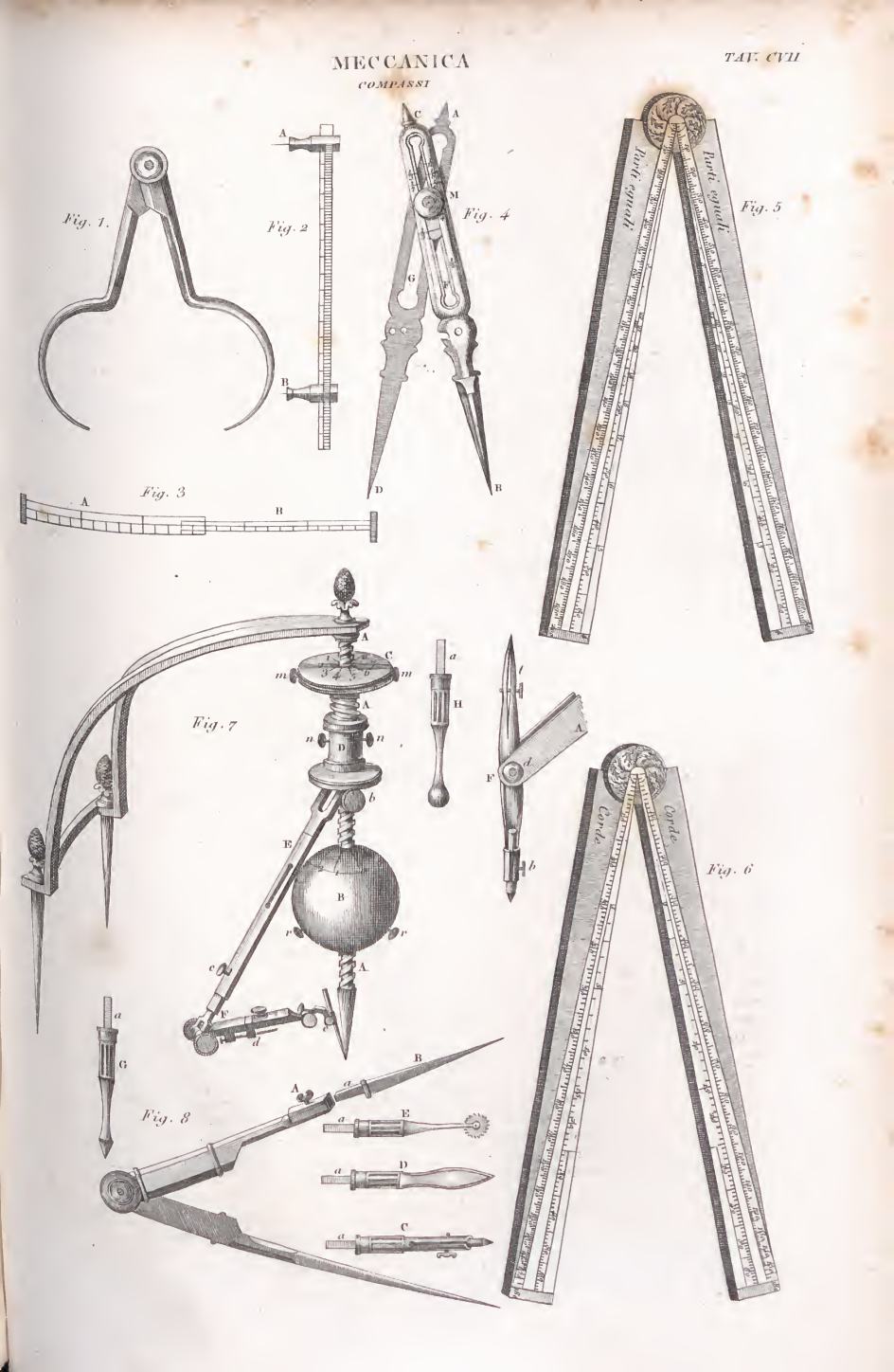
Fig. 1.
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Fig. 8
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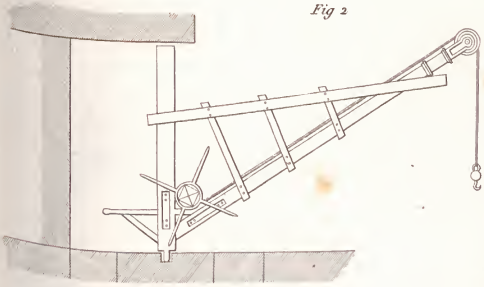
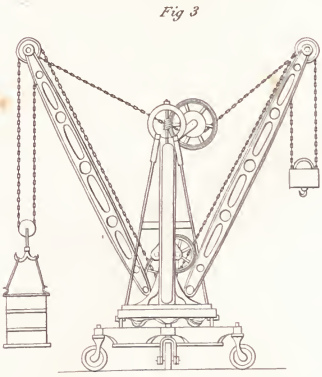
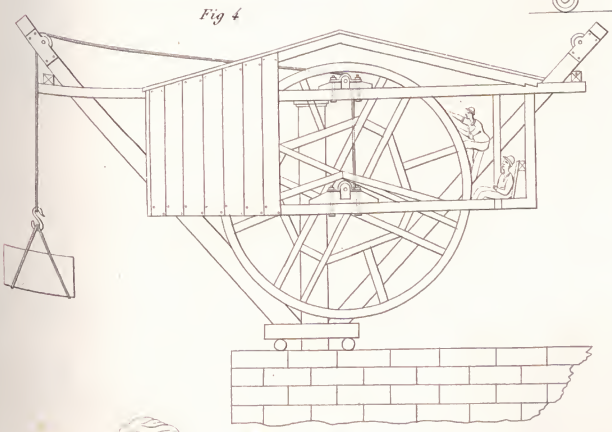
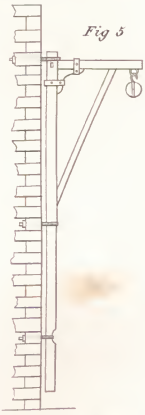
Parti eguali
Corde
Corde

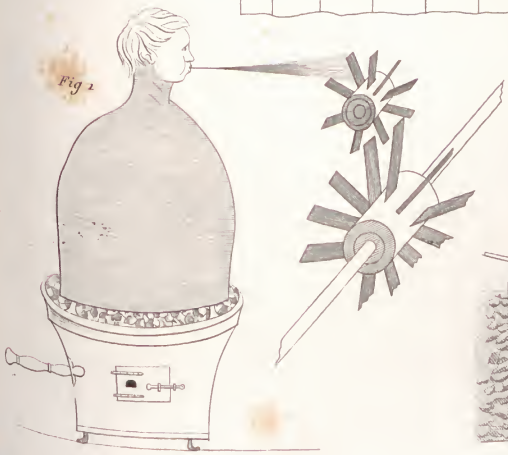
EOLIPILA, GRU

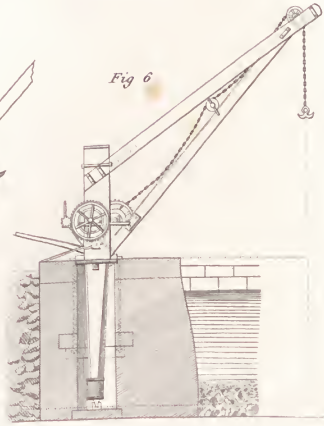












GUALCHIERA, INCENDIO

Fig. 1

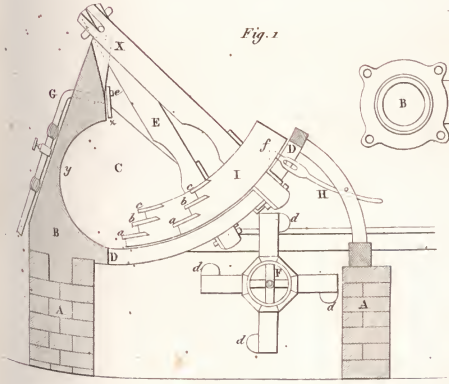
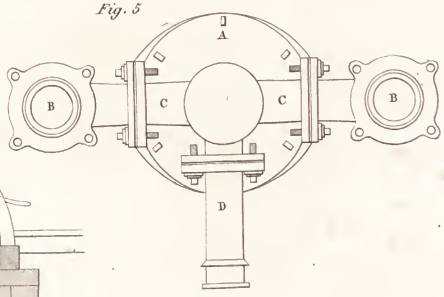


Fig. 5



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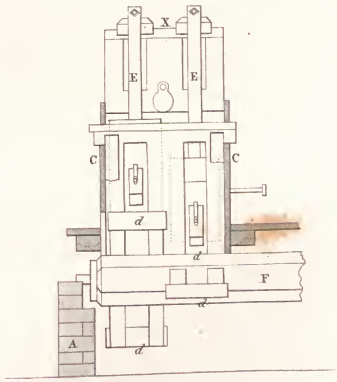


Fig. 4

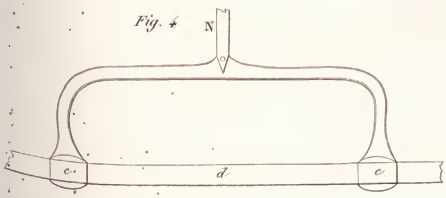
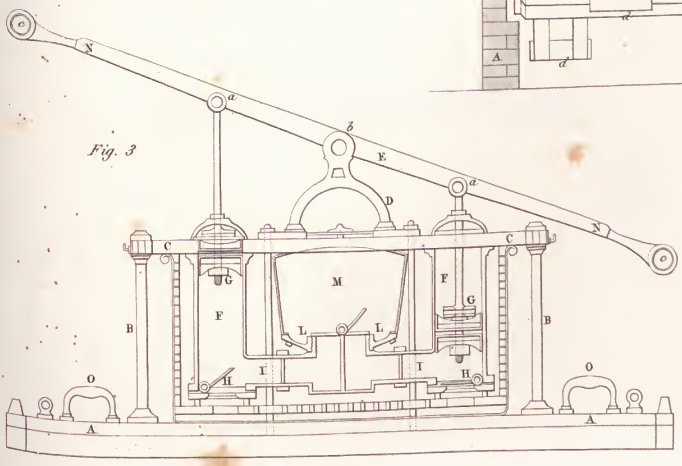


Fig. 3



INCENDIO

Fig. 1

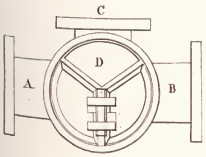


Fig. 2

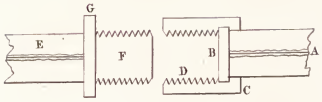


Fig. 5

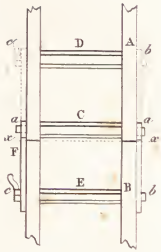


Fig. 4

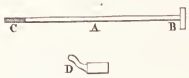
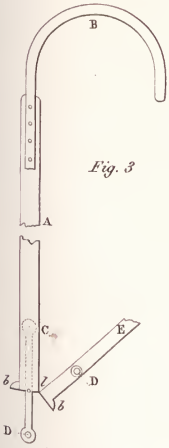


Fig. 3



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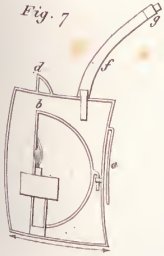

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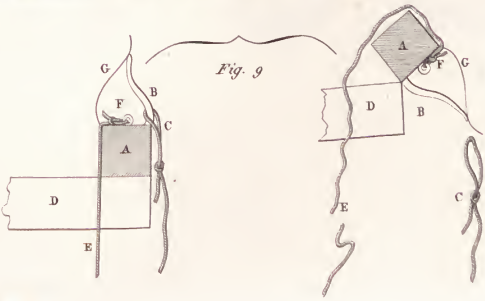

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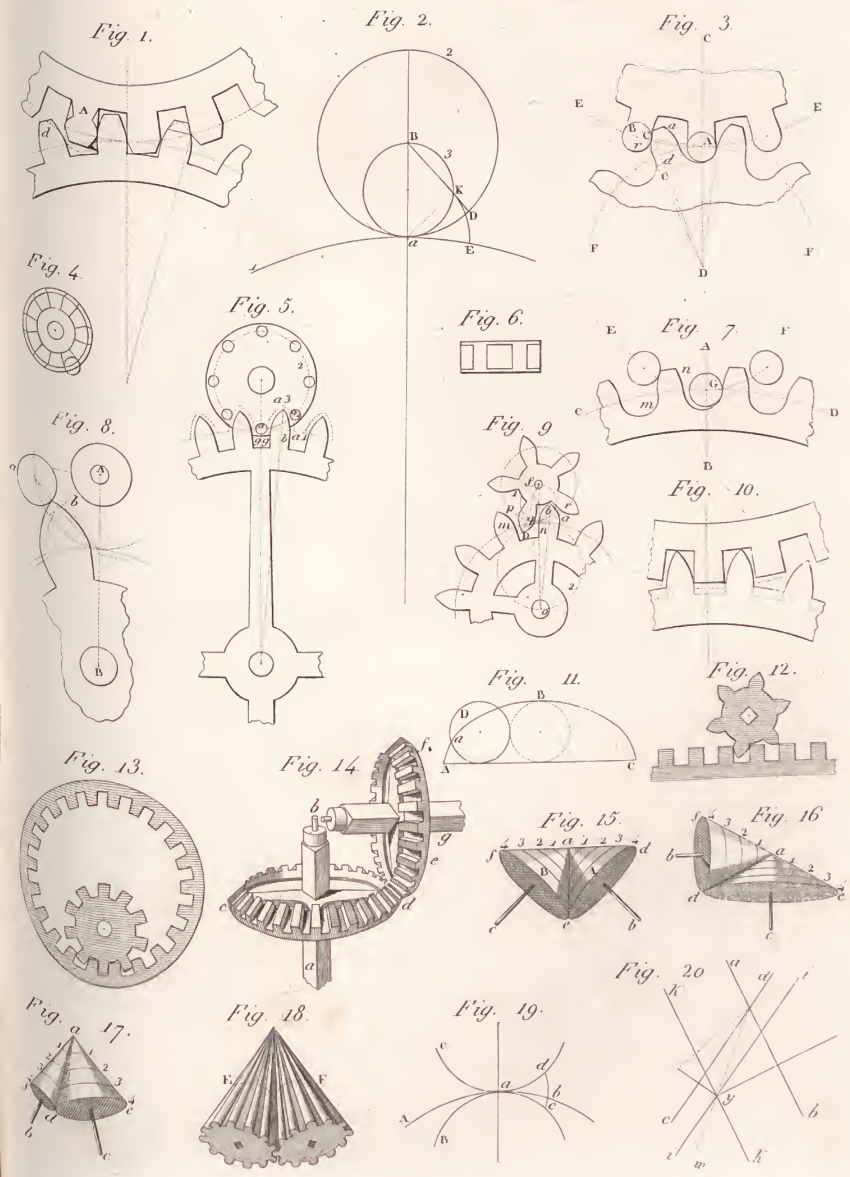
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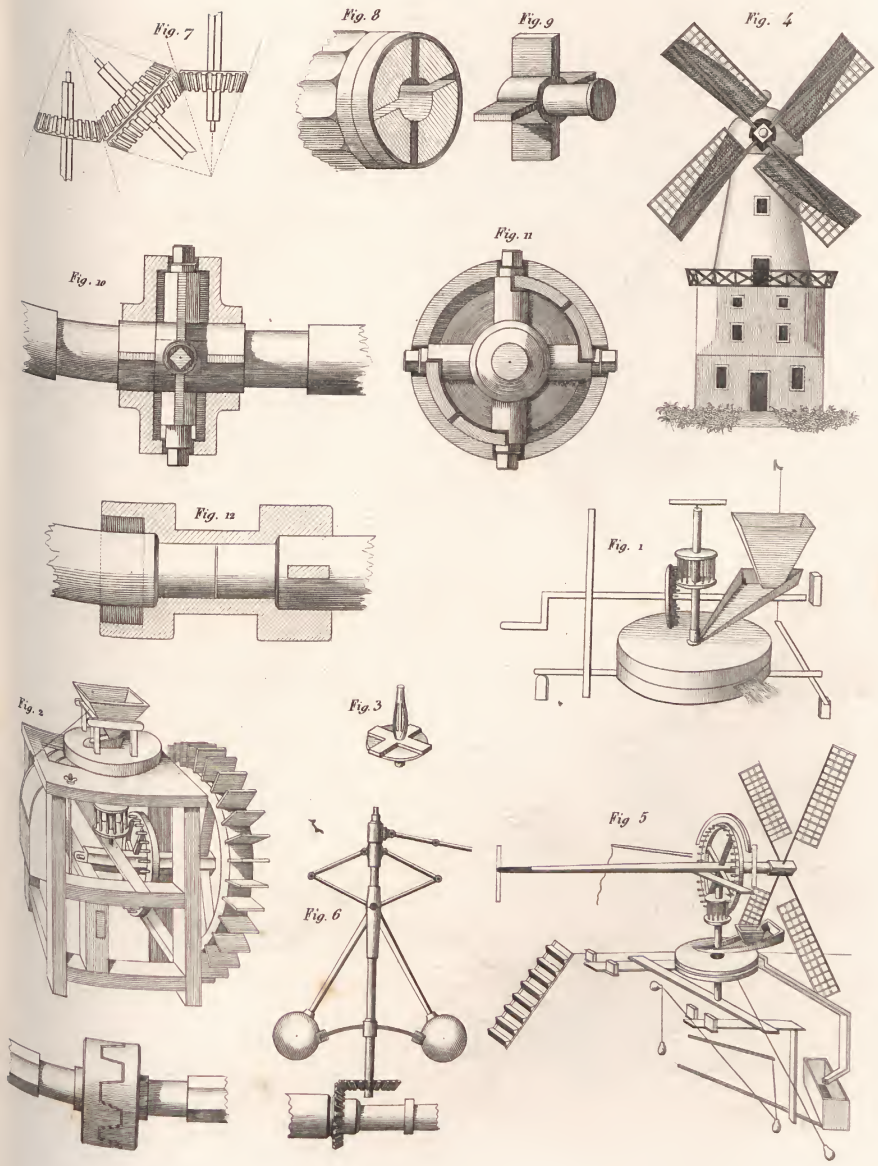
Fig. 7
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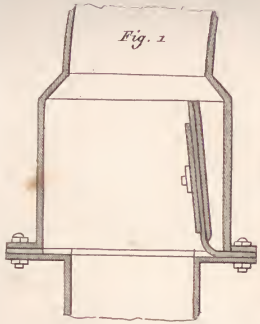
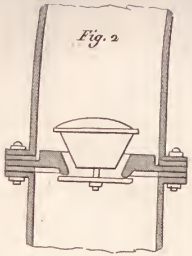
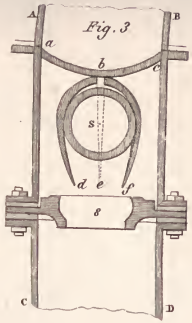
VALVOLA E VENTILABRO

Valvola







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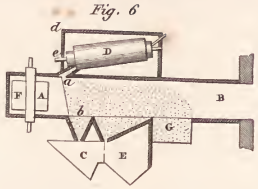

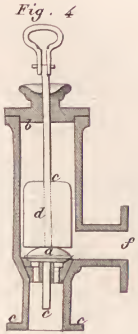

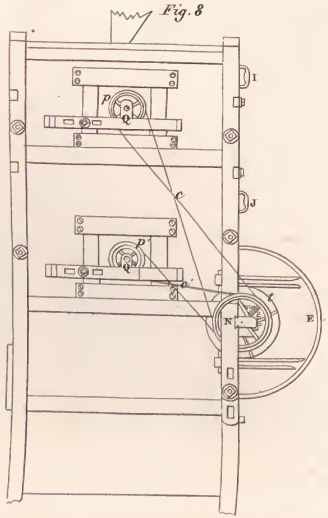

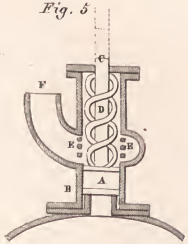

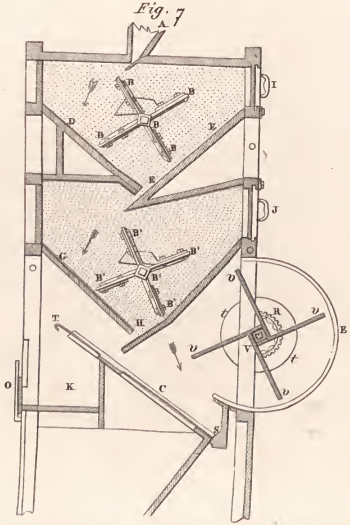

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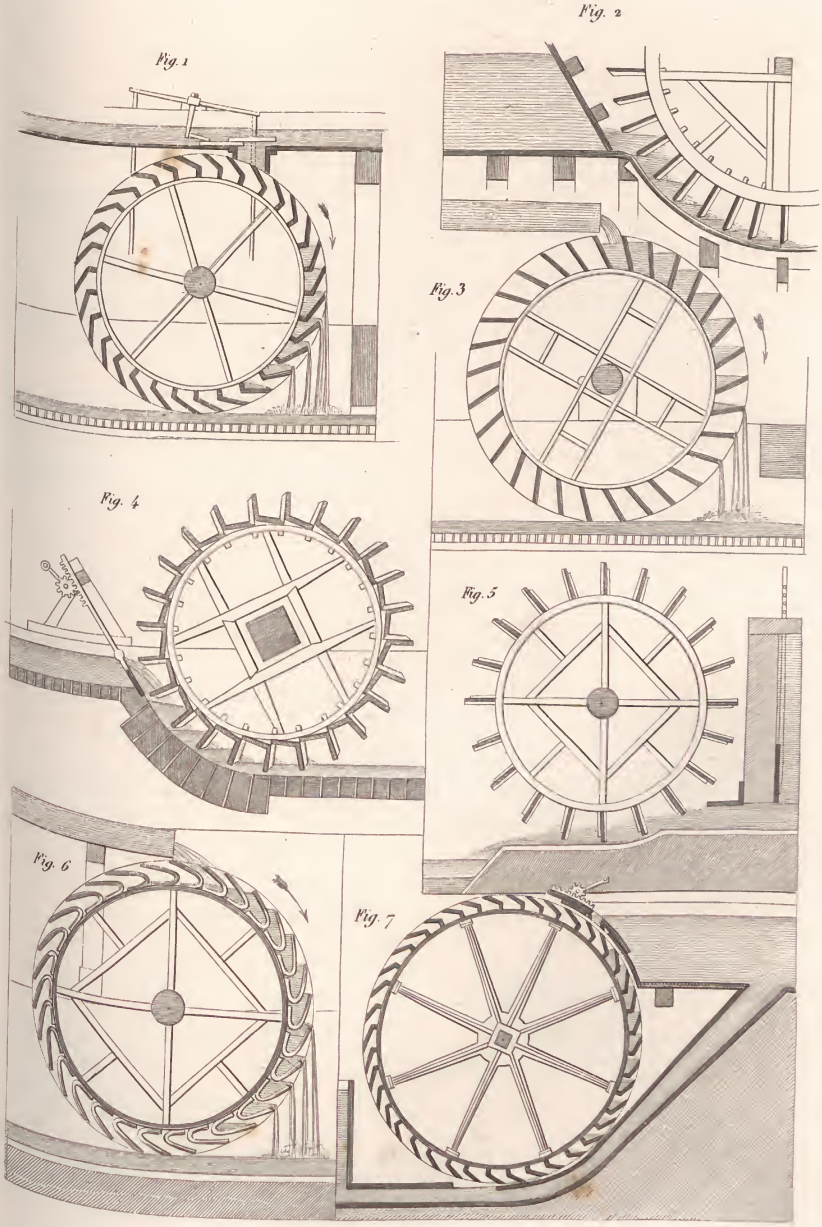

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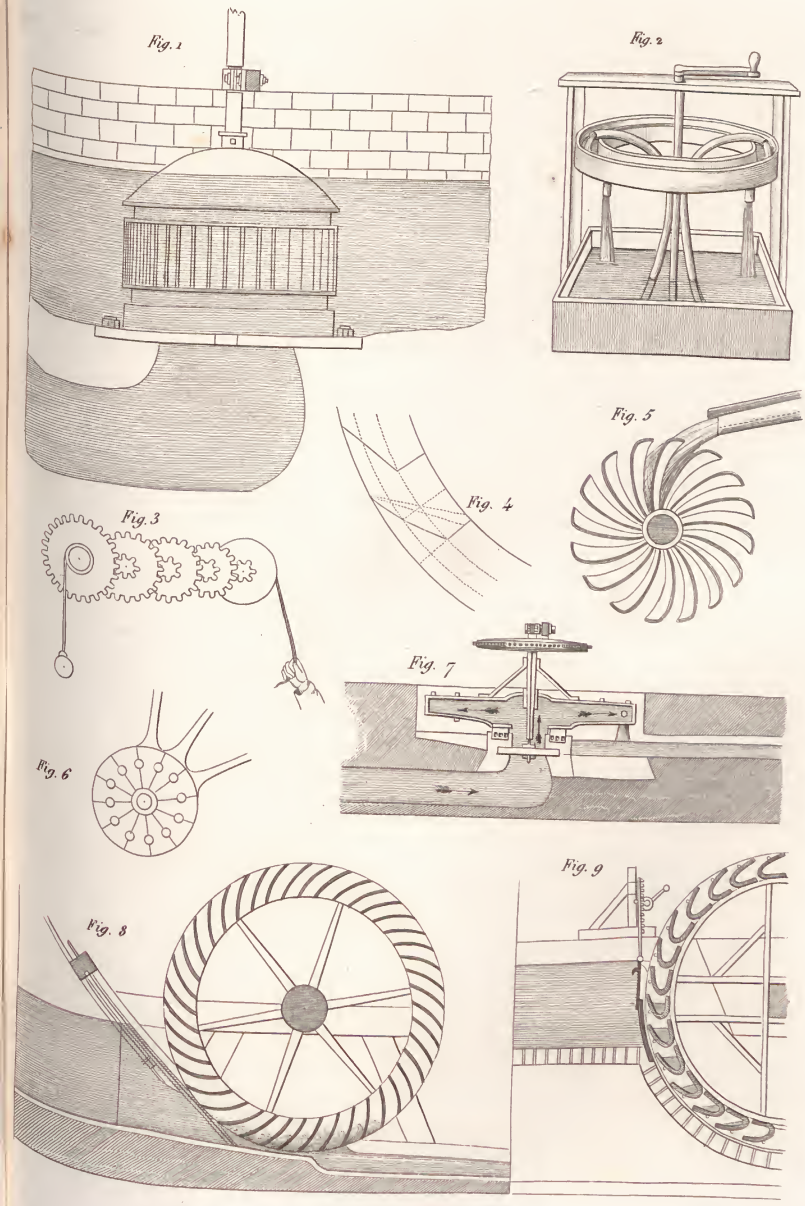

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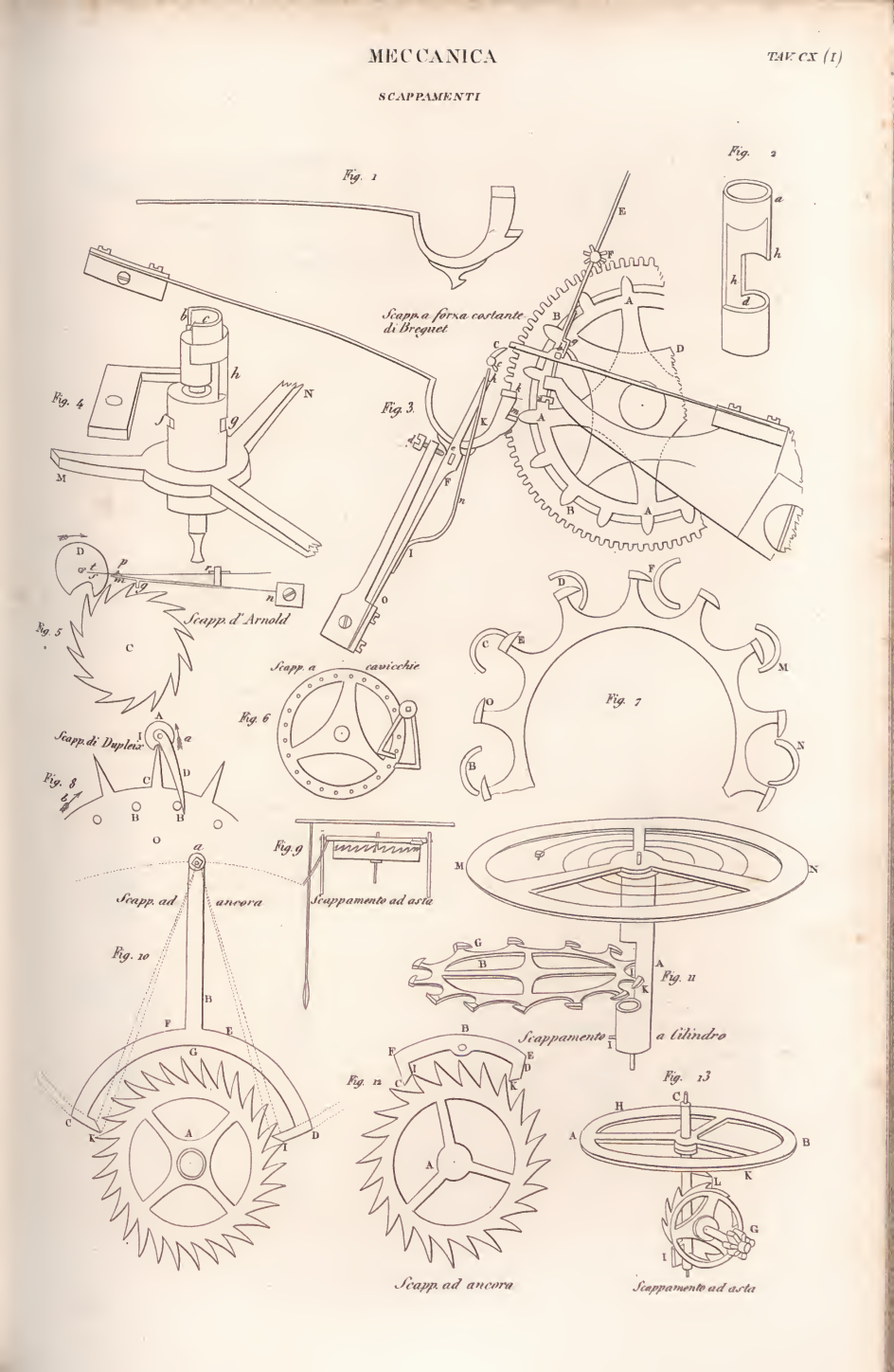

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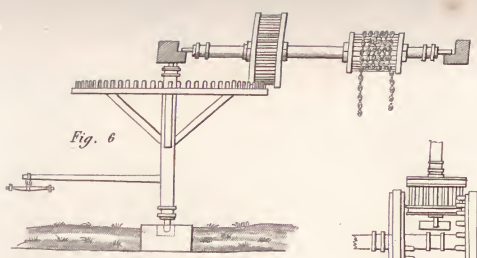

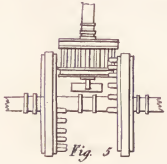

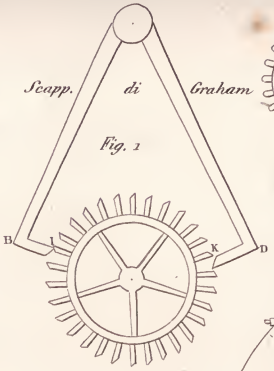

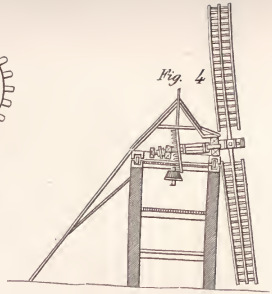

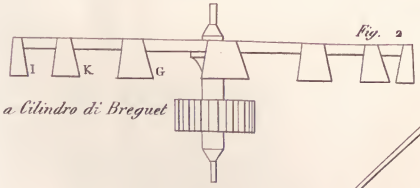

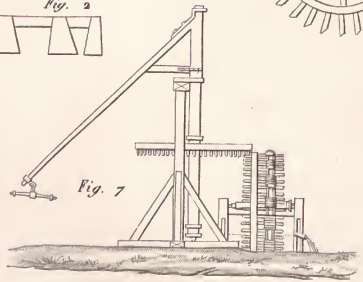

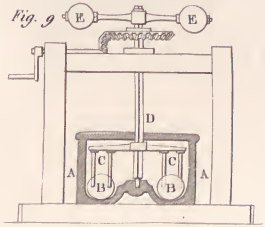

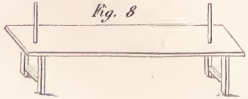

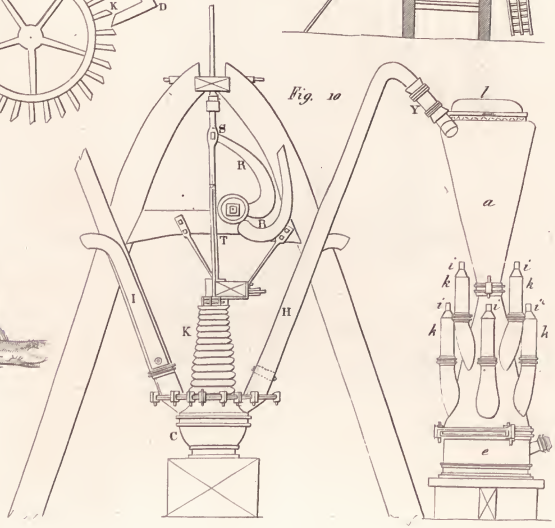

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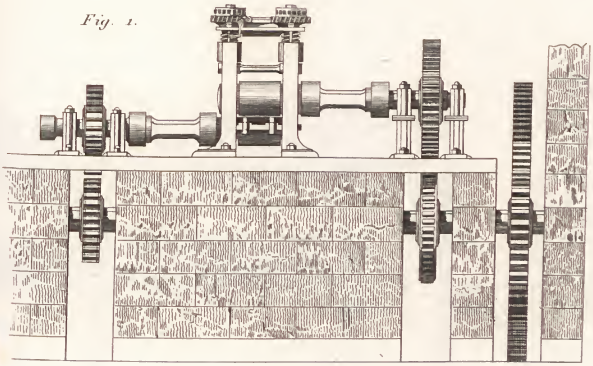

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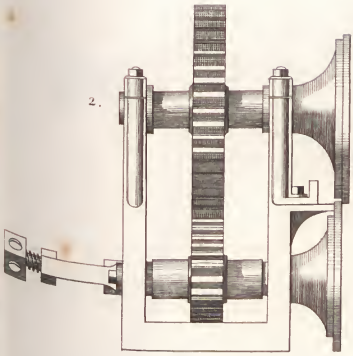

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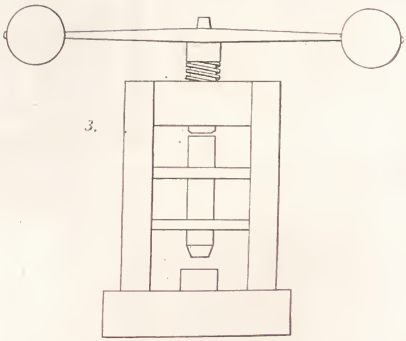

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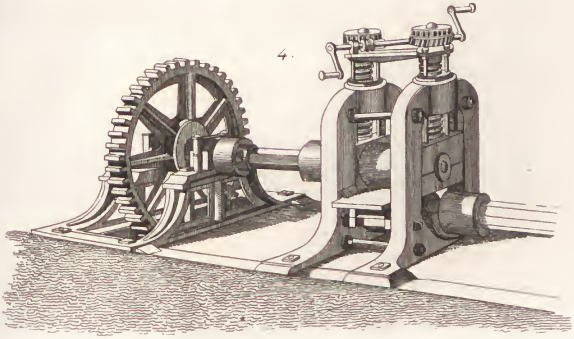

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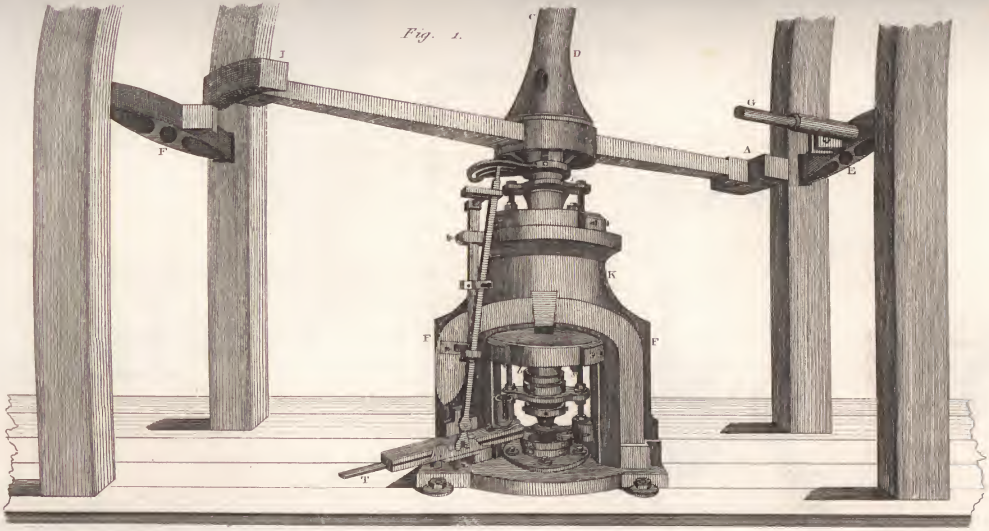

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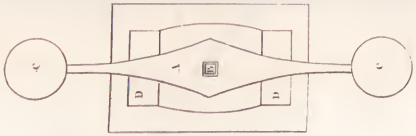

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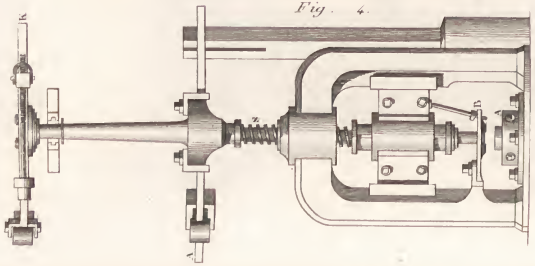
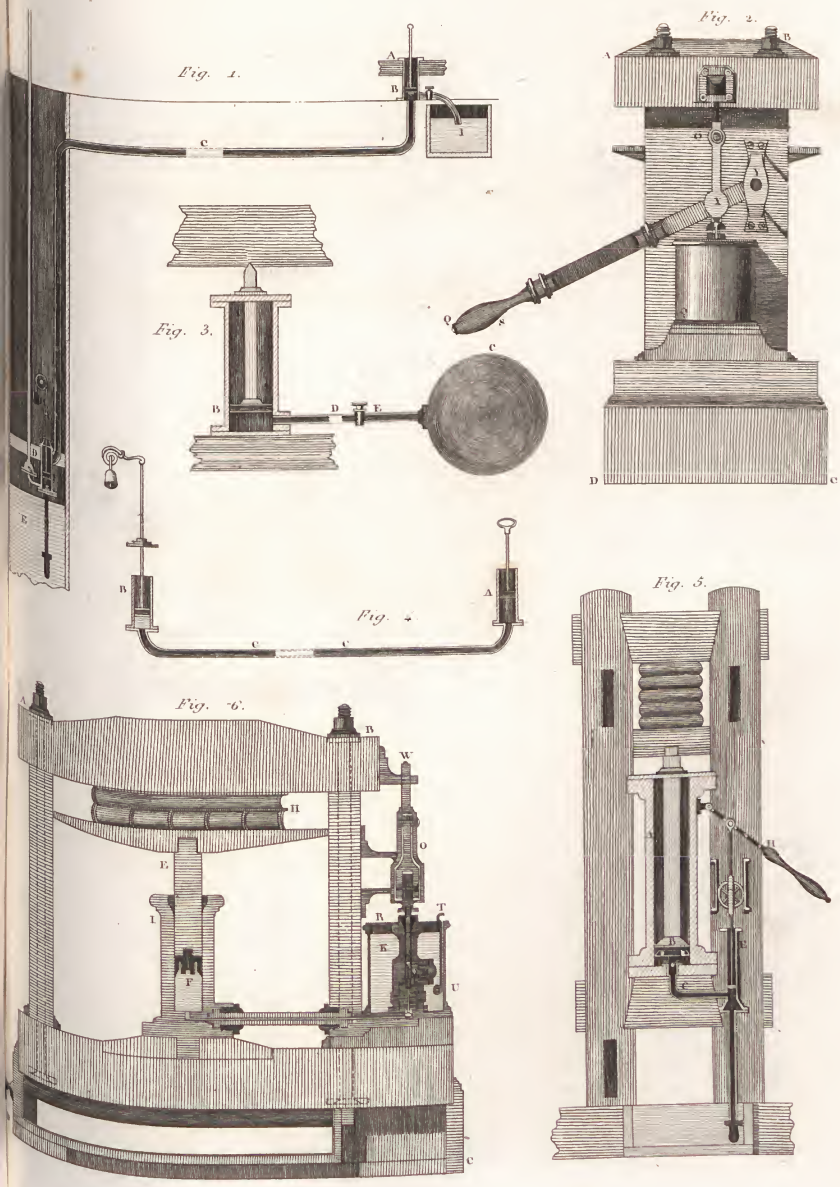


ZECCA - TORCHIO IDRAULICO



TELEGRAFIA.

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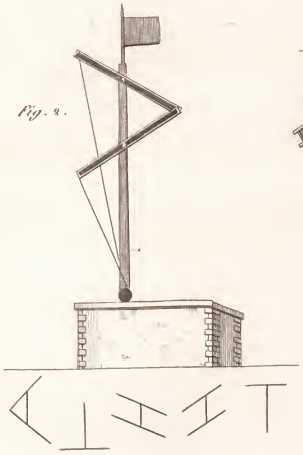

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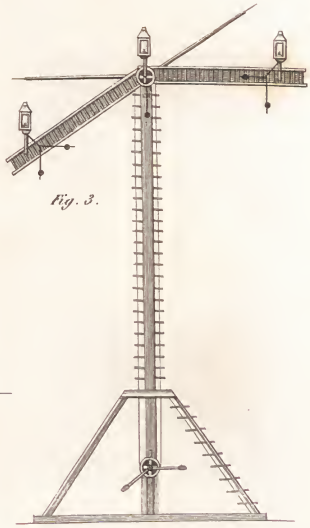

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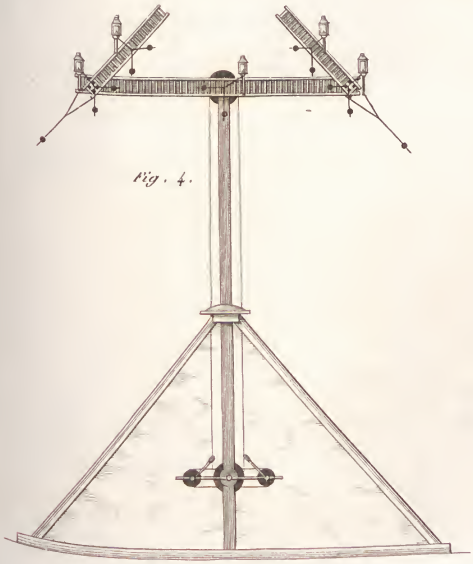

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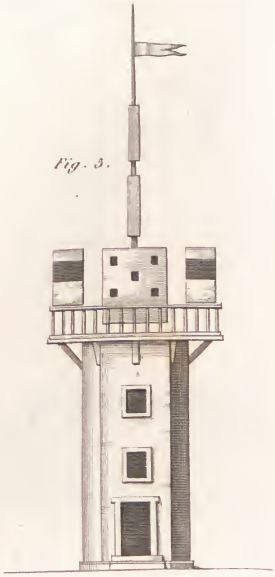

Fig. 5.

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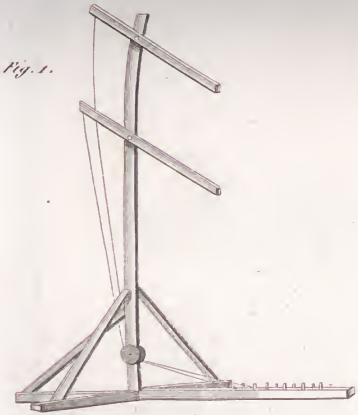

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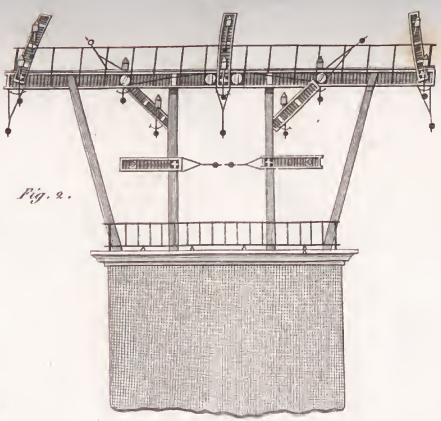

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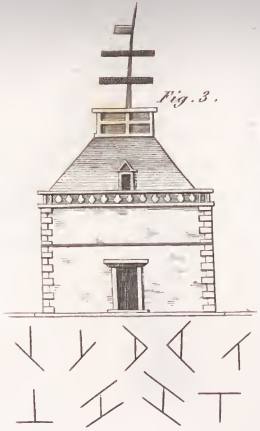

Fig. 4

Fig. 5

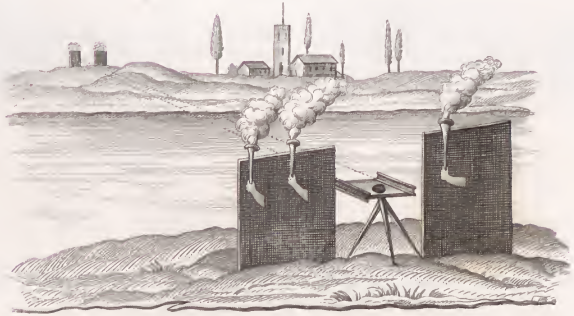

Fig. 6.

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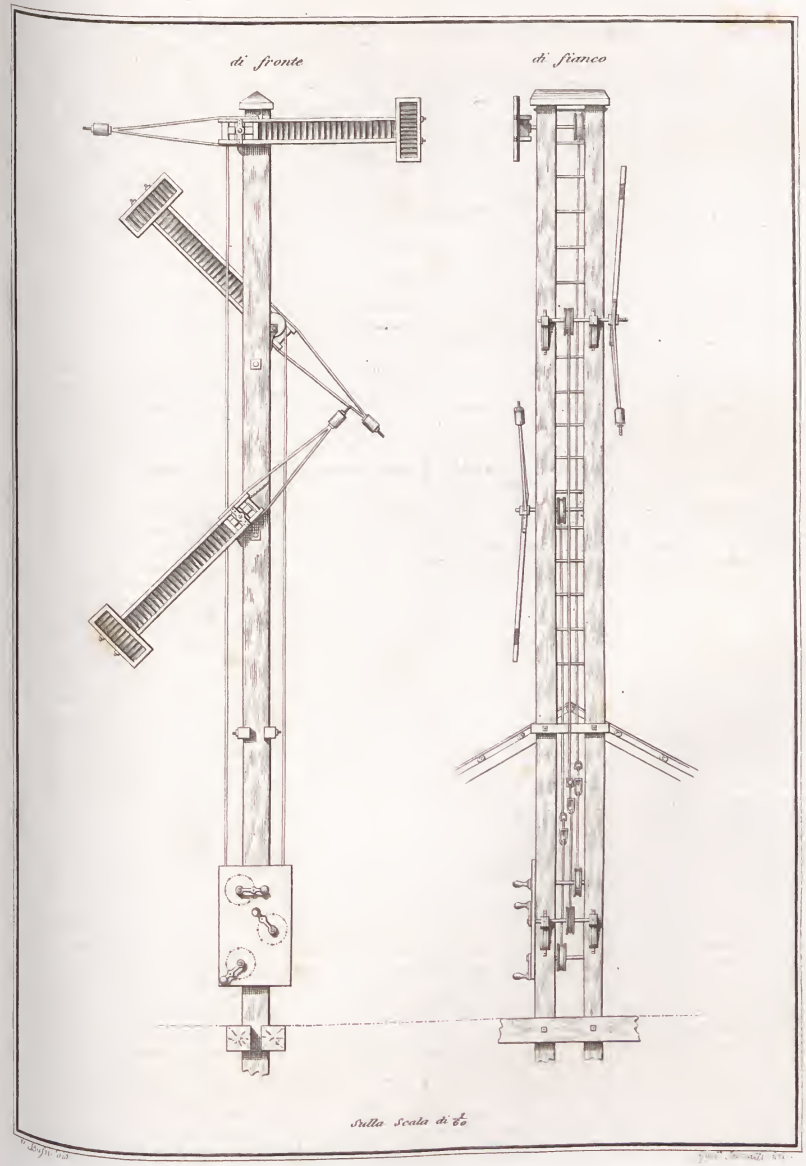
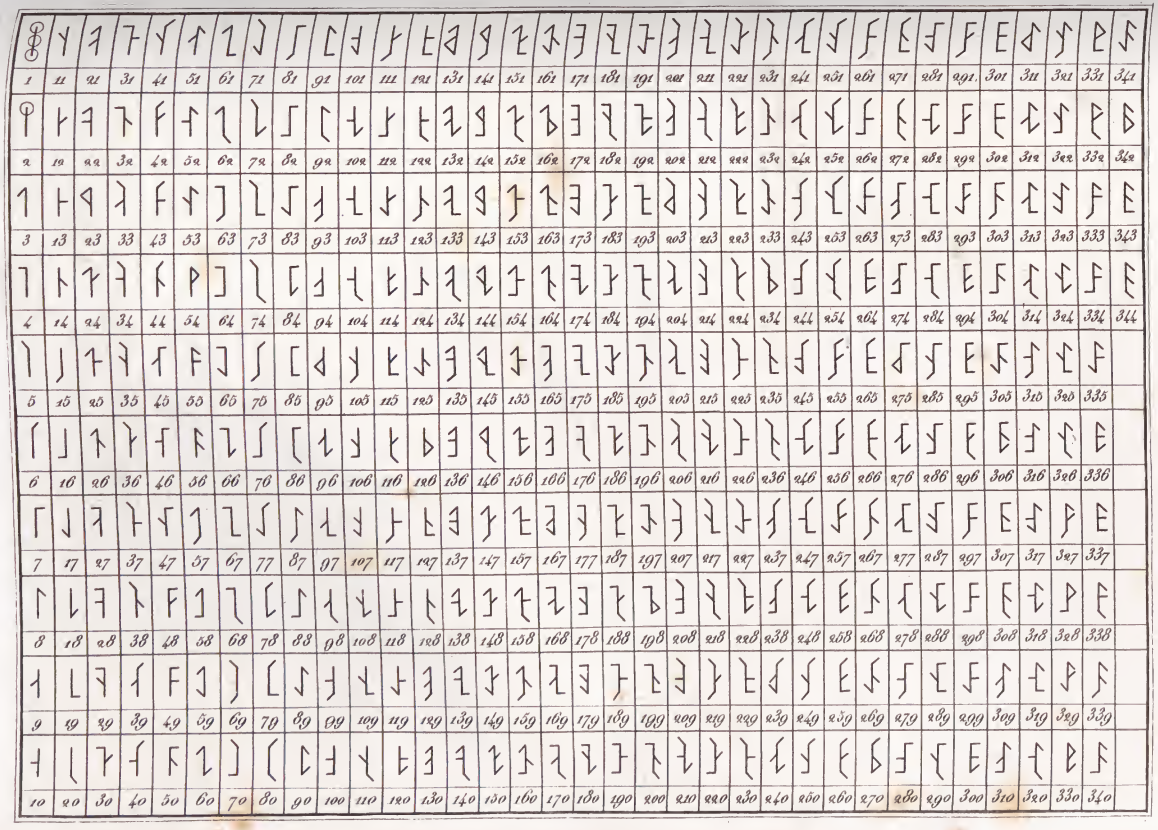


CLASSIFICAZIONE DE' SEGNALI



SONERIA

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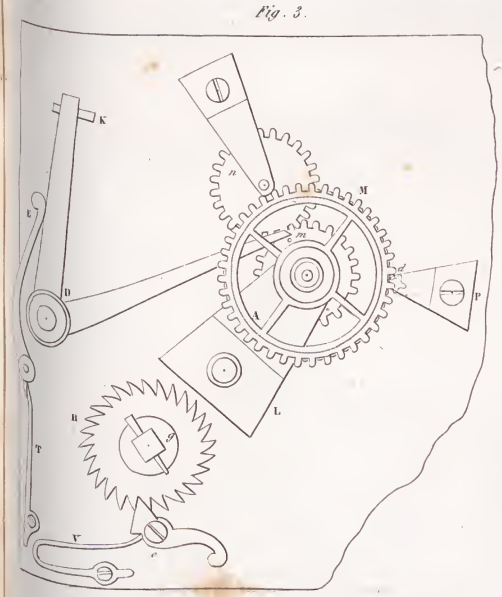
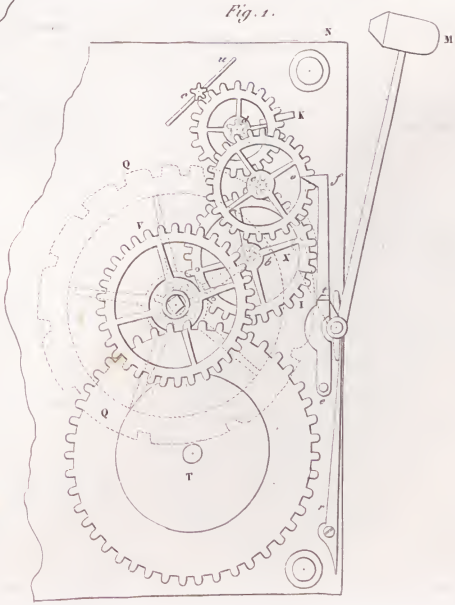


Fig. 4.

Fig. 1.



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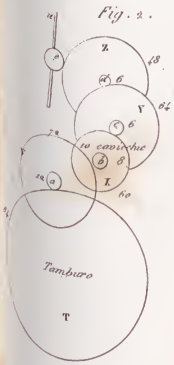


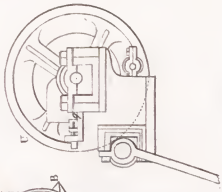
TIPOGRAFIA

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.



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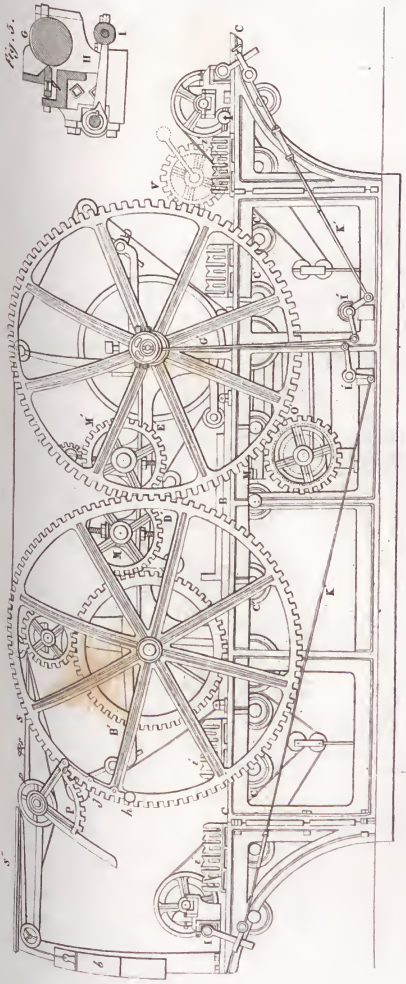

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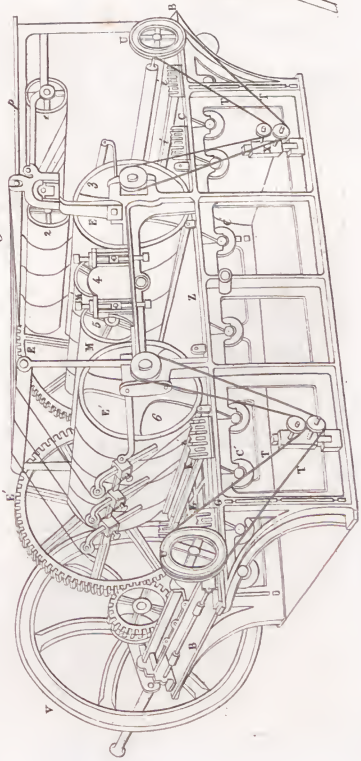

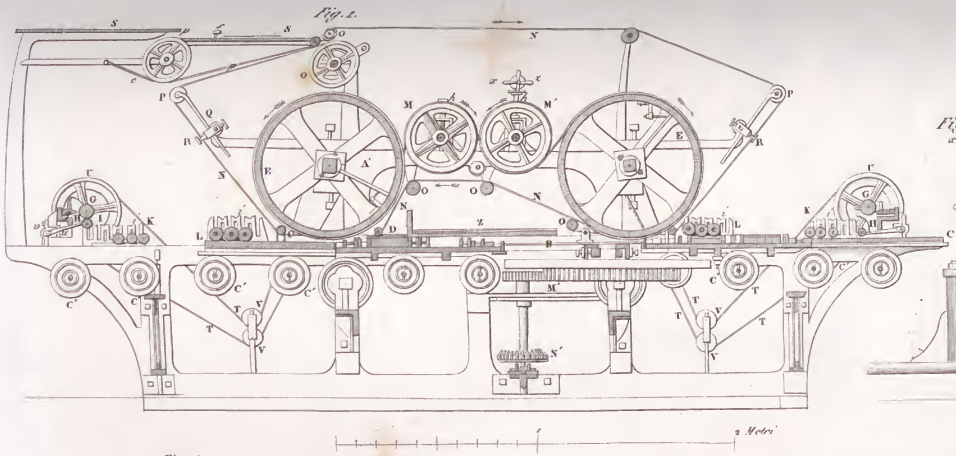
Fig. 1.
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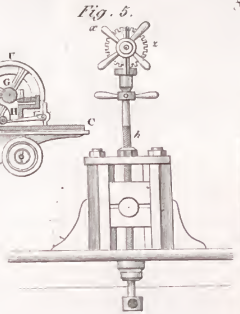


Fig. 5.

Fig. 4.

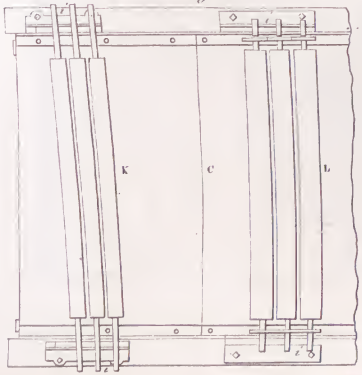


Fig. 3.

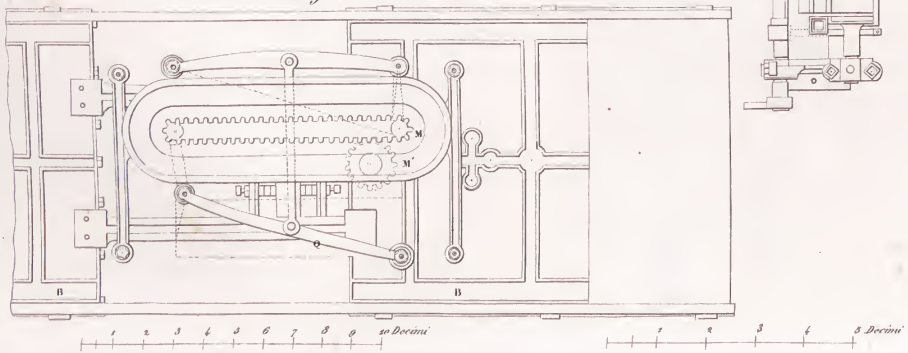
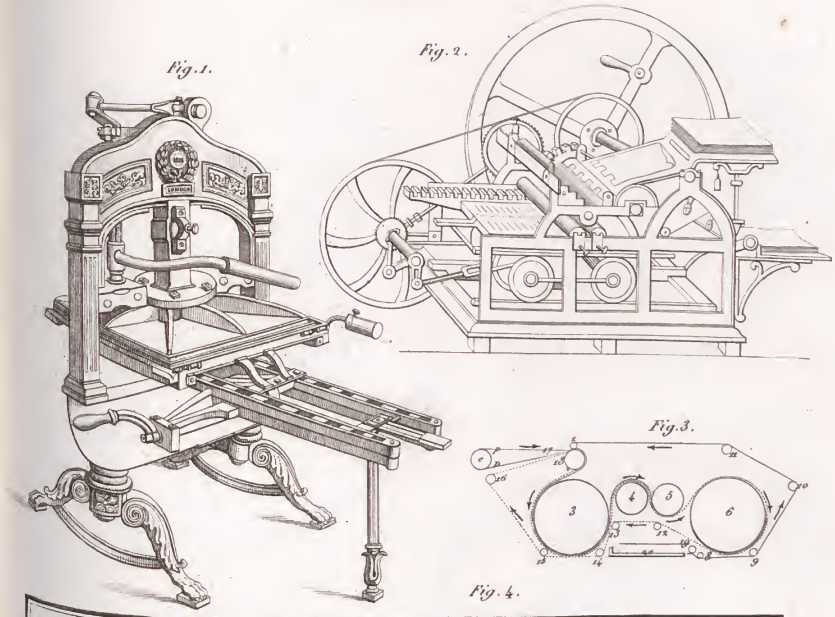


Fig. 2.
1 2 3 4 5 6 7 8 9 10 Decimi
1 2 3 4 5 Decimi

MECCANICA

TIPOGRAFIA



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Q	R	S	T	V	U	X	Y	Z	Æ	Œ	Ç / W	a / ä	e / ë	u / ï	r / ô	s / ü	V / R
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Q	R	S	T	V	U	X	Y	Z	Æ	Œ	Ç / W	á / â	é / ê	í / î	ó / ô	ú / û	ffl / fl
à	è	ì	ò	ù	1	2	3	4	5	6	7	8	9	0
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x													

ORIUOLI

Fig. 14

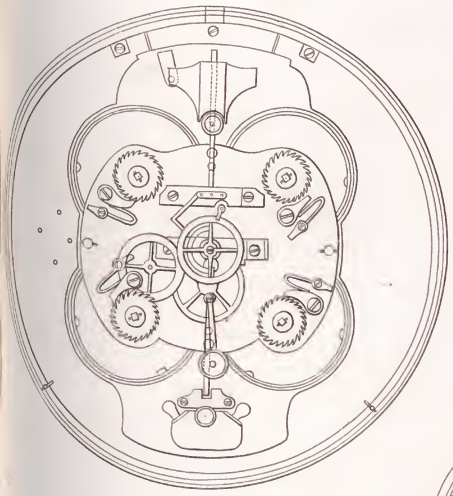


Fig. 10
Oriuolo di Breguet ad un sol ago

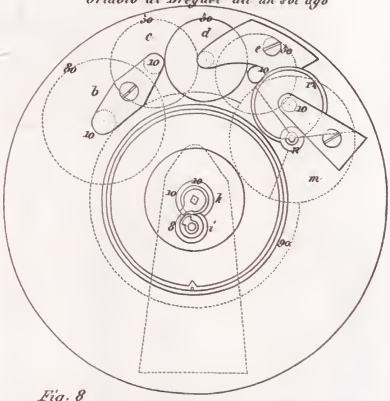


Fig. 8

Fig. 7

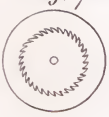


Fig. 13

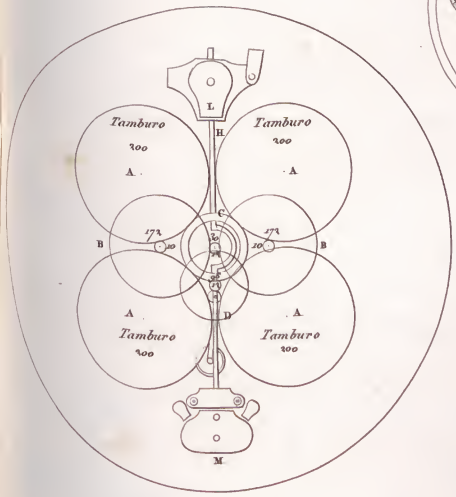


Fig. 11

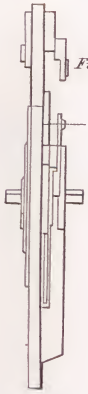


Fig. 2

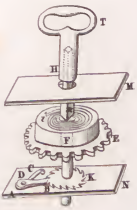


Fig. 4 Oriuolo compiuto ed in moto

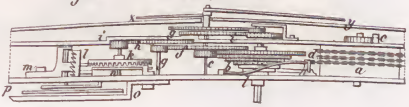
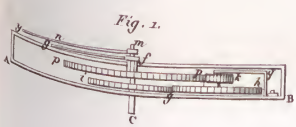
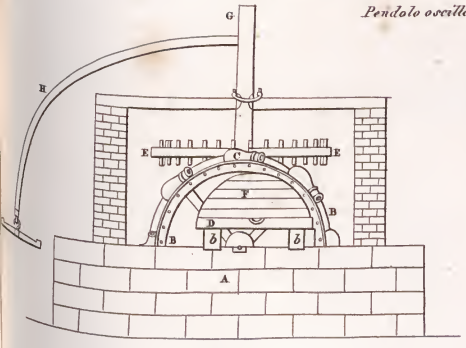


Fig. 1.



ORIUOLI E NORIA

Fig. 2 Noria



Pendolo oscillante di Breguet

Fig 1 Nōria

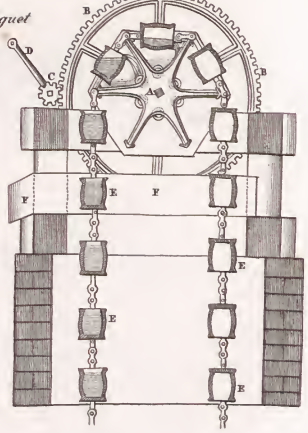


Fig. 9

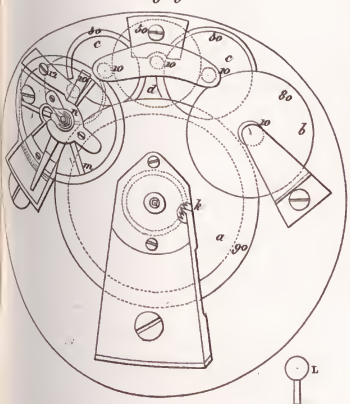
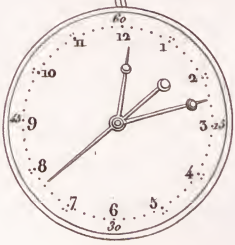


Fig. 15



Scappamento a verga

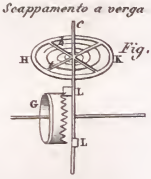


Fig. 5

Fig. 3. Noria

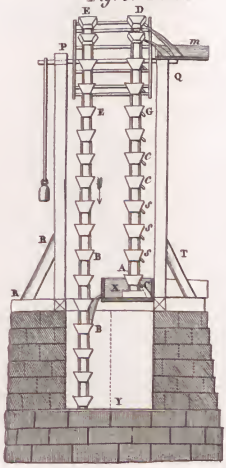


Fig. 6

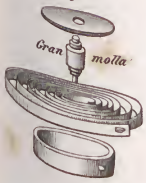


Fig. 12

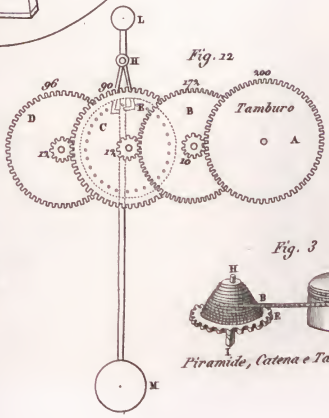
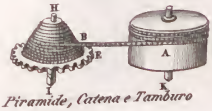
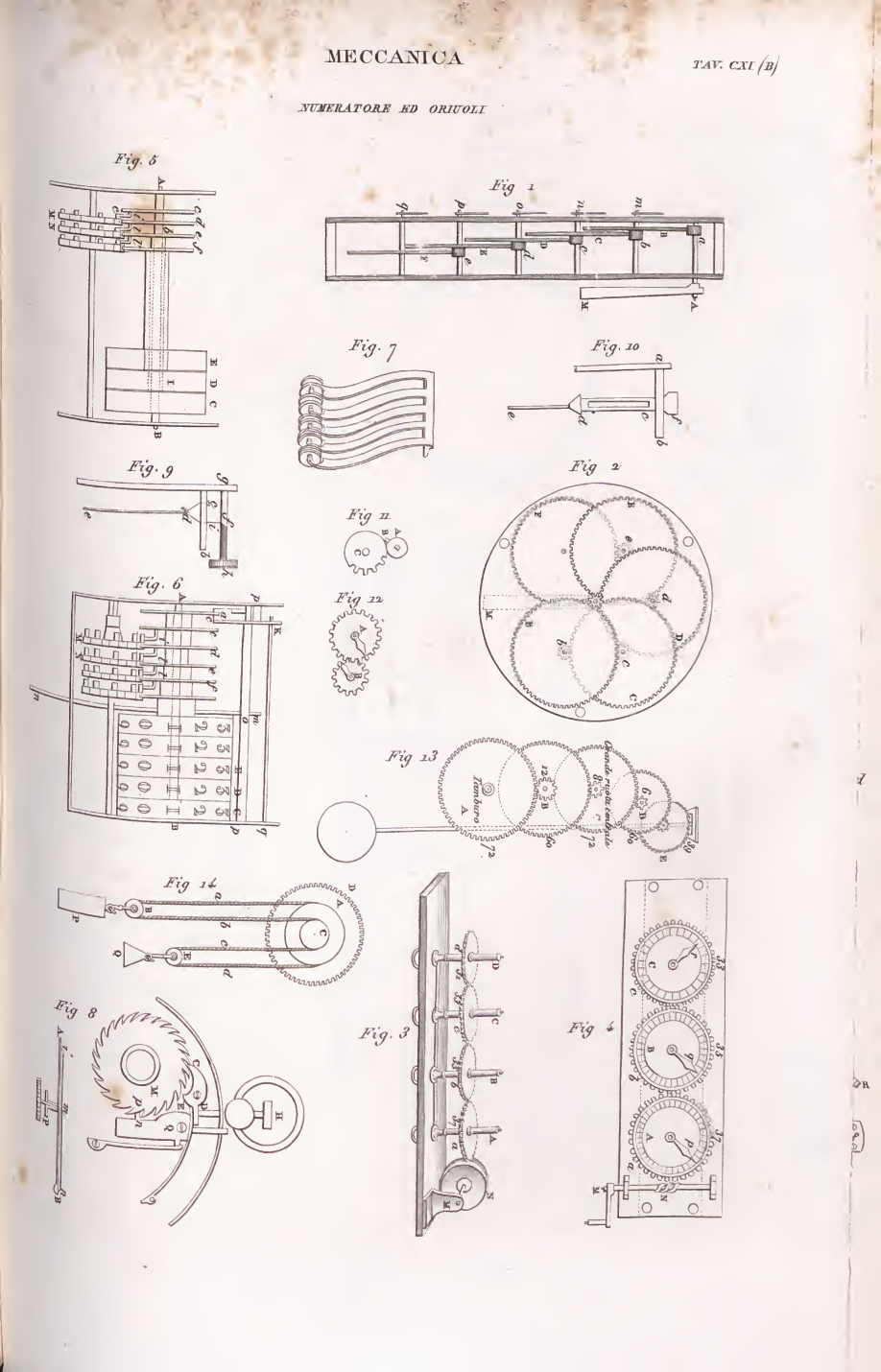


Fig. 3



Piramide, Catena e Tamburo

NUMERATORE ED ORIUOLI



ORIVOLI

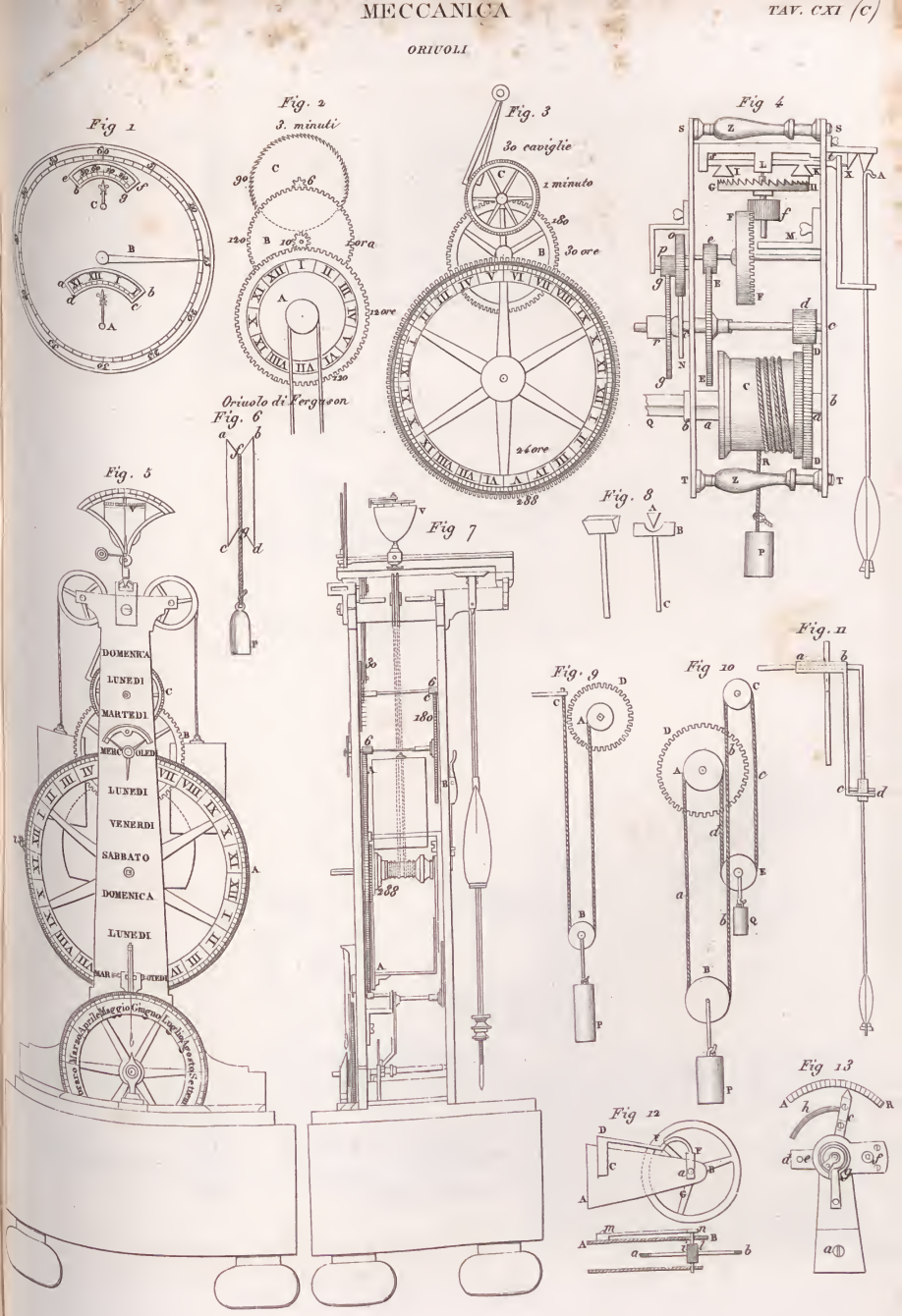


Fig 1
Fig. 2
3. minuti
1 ora
12 ore
Fig. 3
30 caviglie
1 minuto
30 ore
24 ore
Fig 4
Oriuolo di Fergason
Fig. 6
Fig. 5
Fig 7
Fig. 8
Fig. 9
Fig 10
Fig. 11
Fig 12
Fig 13
DOMENICA
LUNEDI
MARTEDI
MERCOLEDI
LUNEDI
VENERDI
SABBATO
DOMENICA
LUNEDI

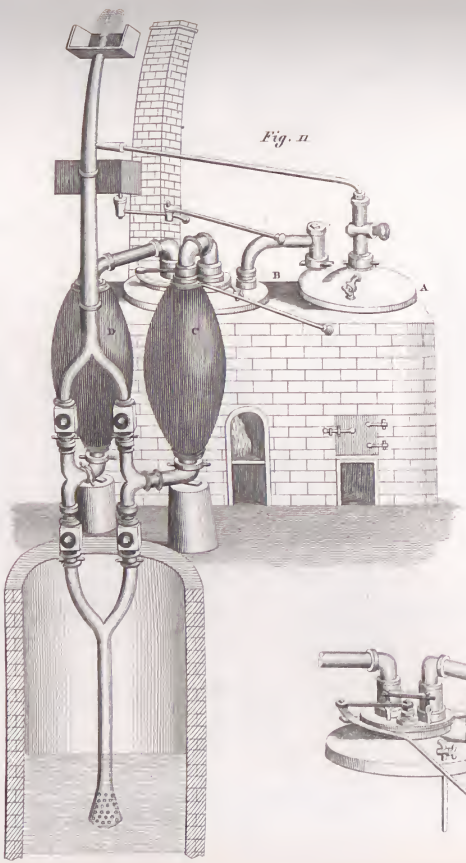
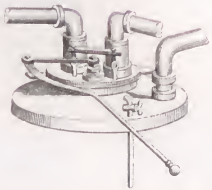


Fig. 11
A
B
C
D



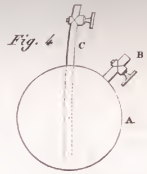
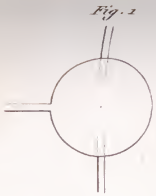


Fig. 4
C
B
A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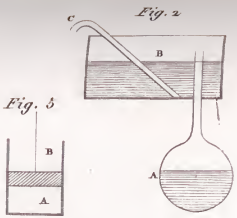


Fig. 2
c
B
A

Fig. 3
B
A

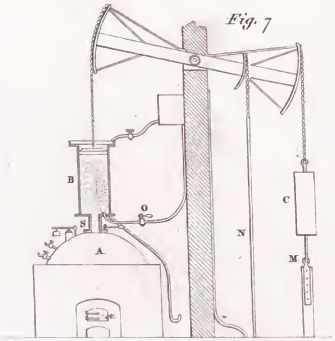


Fig. 7
B
S
A
O
N
C
M

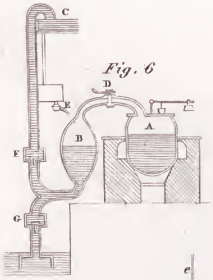


Fig. 6
C
D
A
B
E
G

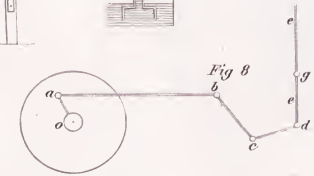


Fig 8
a
o
b
c
d
e
g

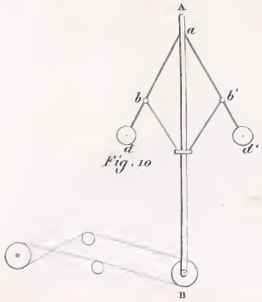


Fig. 10
A
a
b
b'
d
d'
B

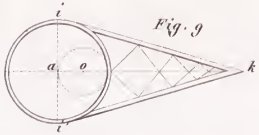


Fig. 9
i
a
o
k
i'

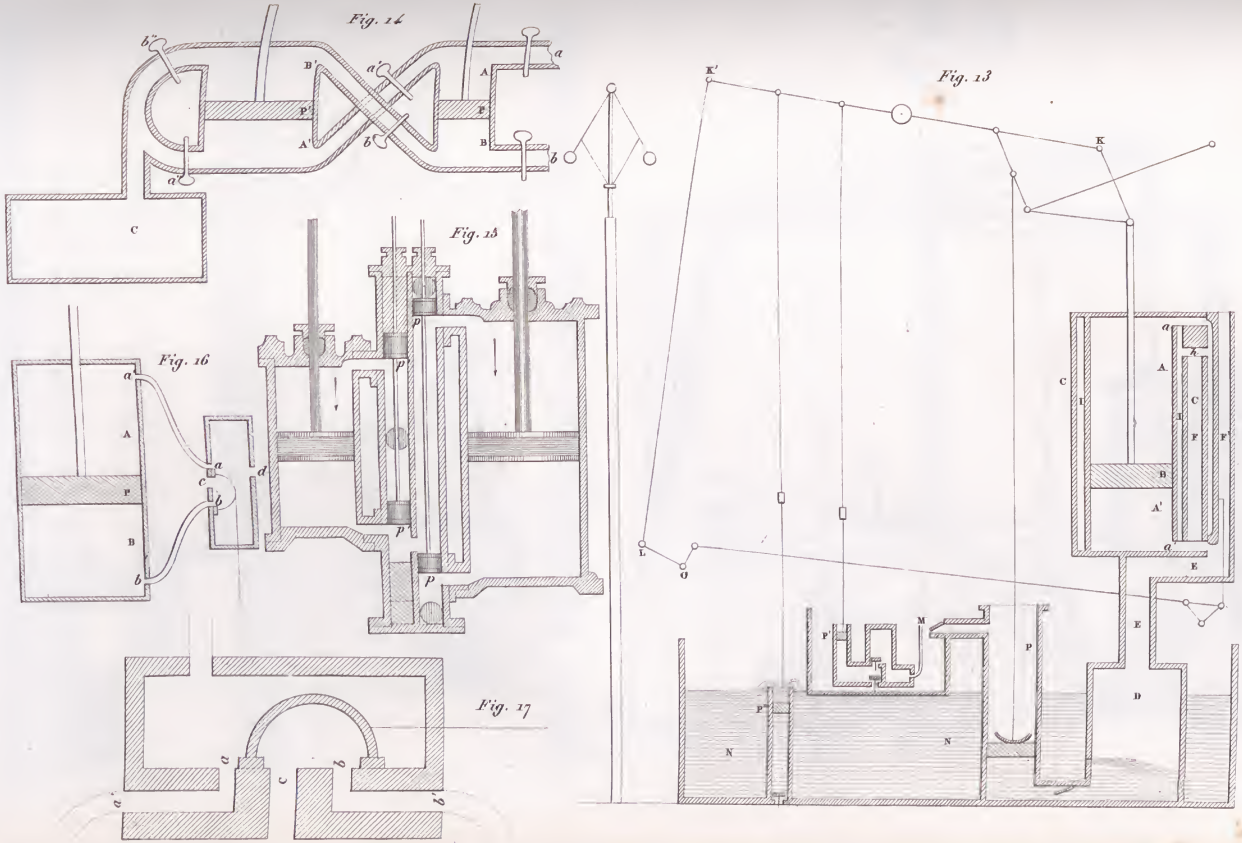
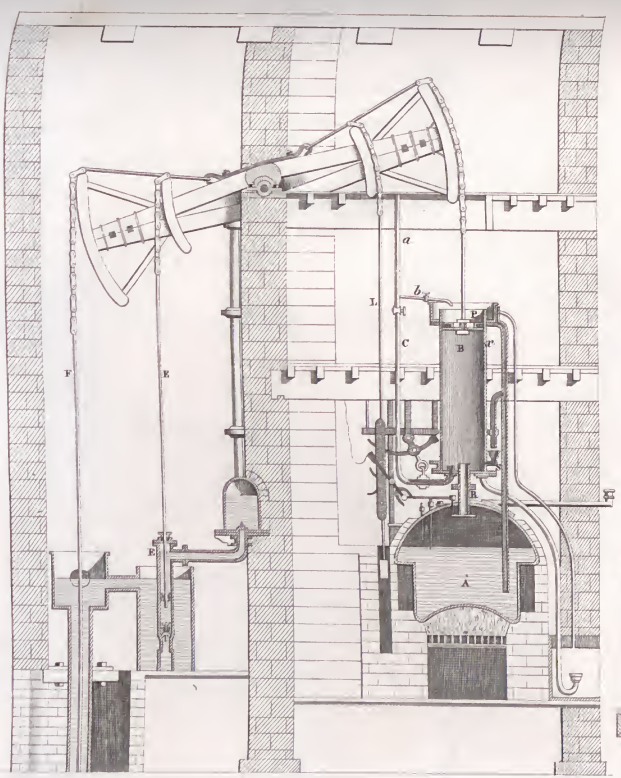


Fig. 14
Fig. 15
Fig. 16
Fig. 17
Fig. 13

Fig. 12



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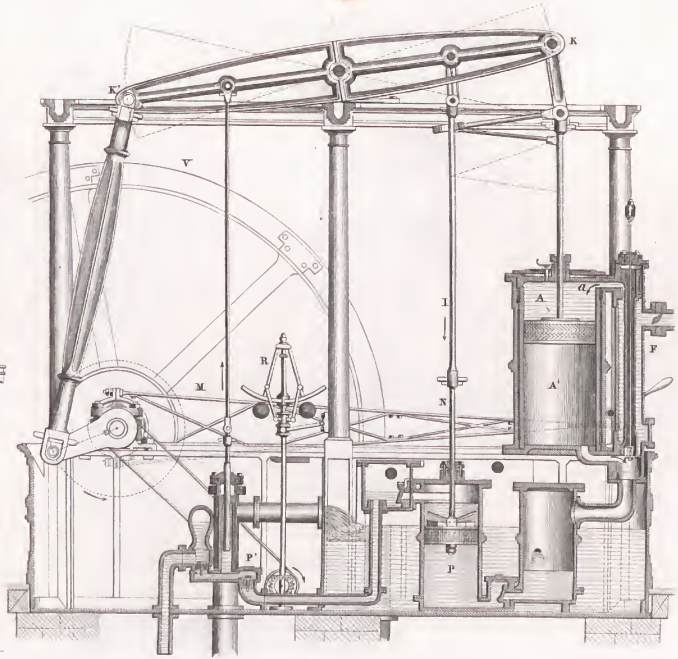


MACCHINE A VAPORE

Fig. 23

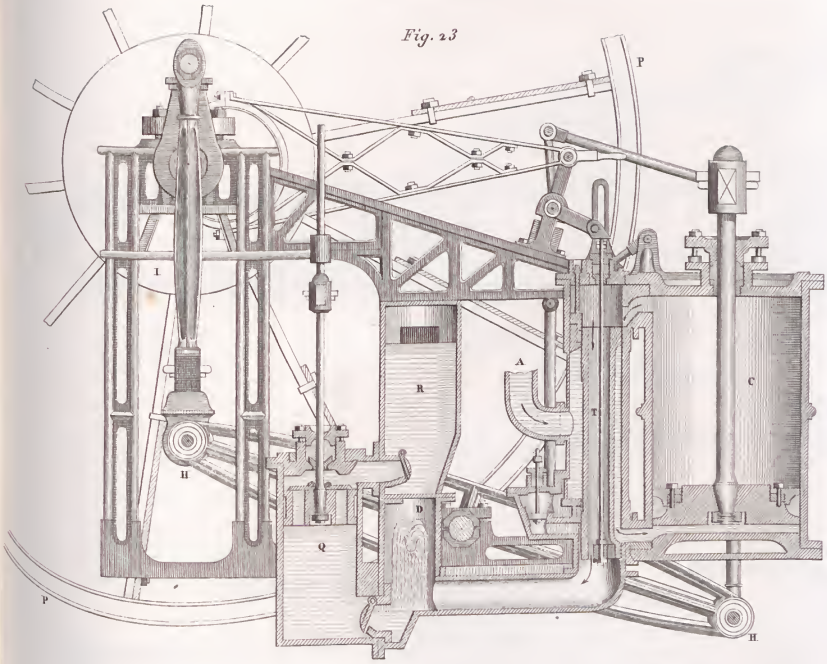


Fig. 19

Fig. 20

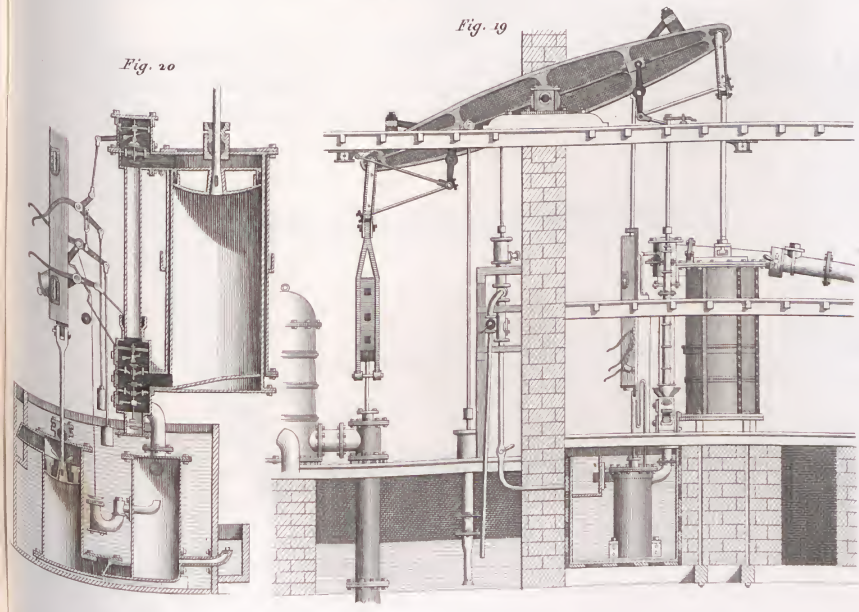


Fig. 21

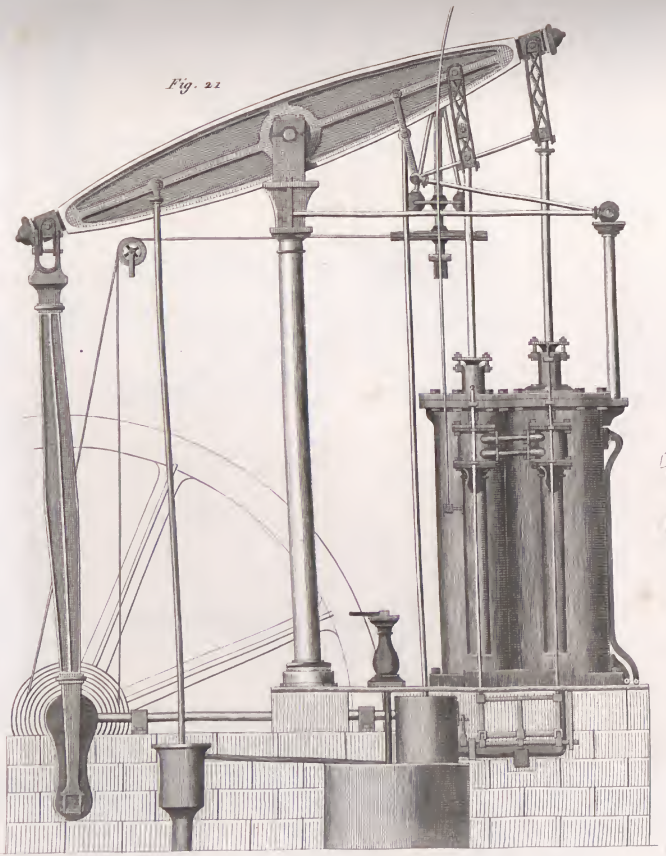


Fig. 22

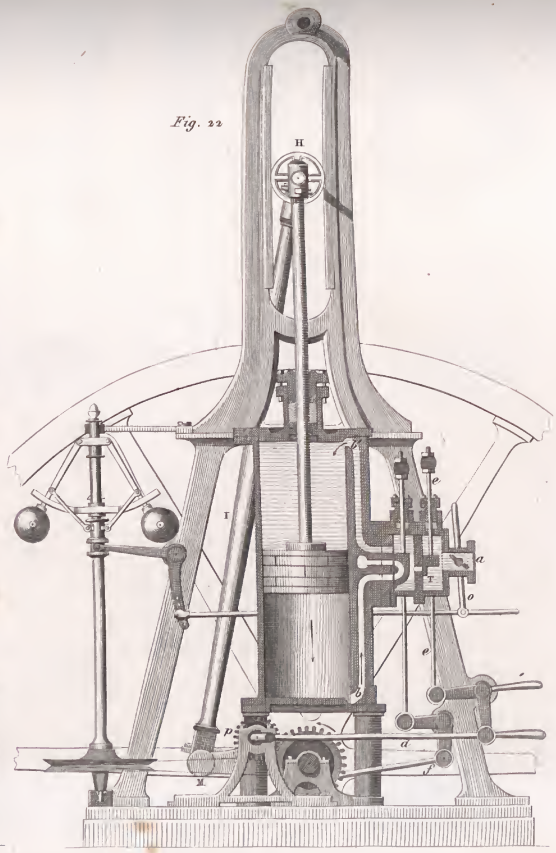


Fig. 24

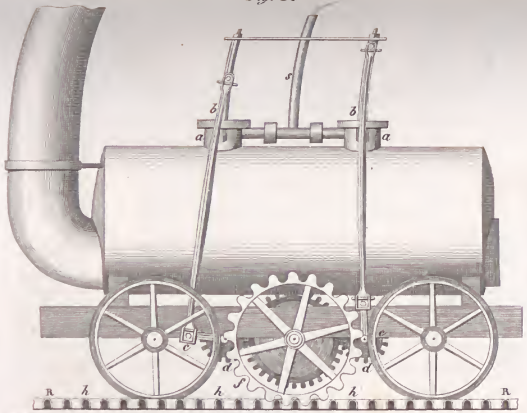


Fig. 30

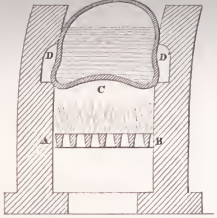


Fig. 31

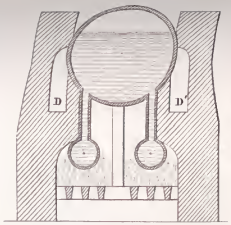


Fig. 32

Fig. 33

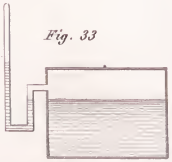


Fig. 34

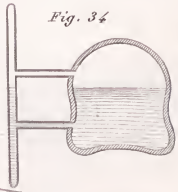


Fig. 35

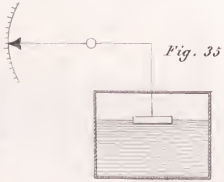


Fig. 25

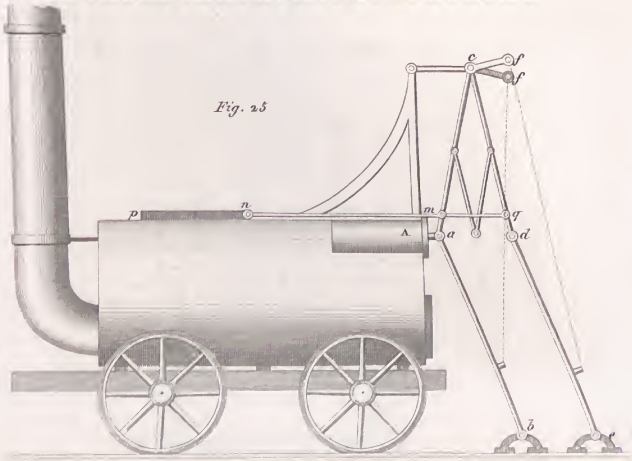


Fig. 36

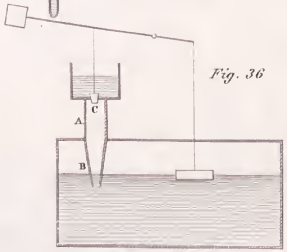


Fig. 37

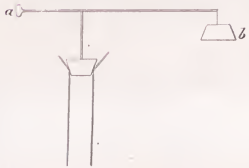


Fig. 38

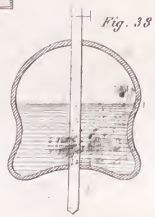


Fig. 28

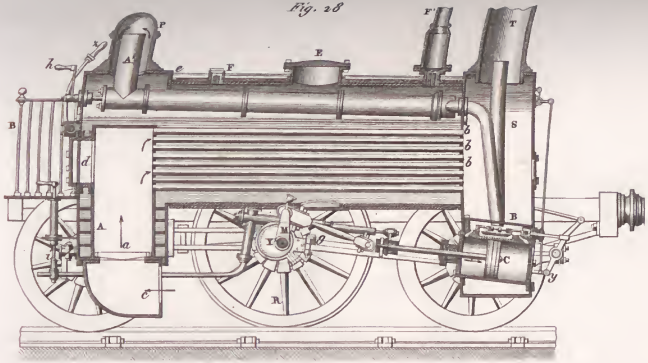


Fig. 26

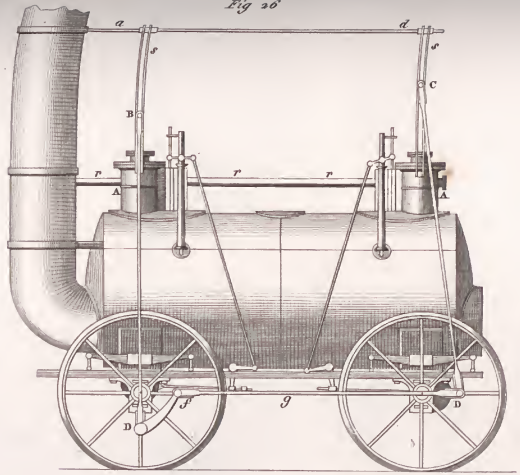


Fig. 27

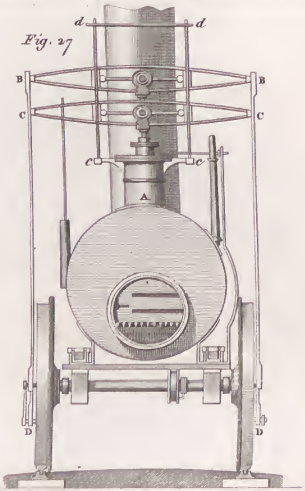
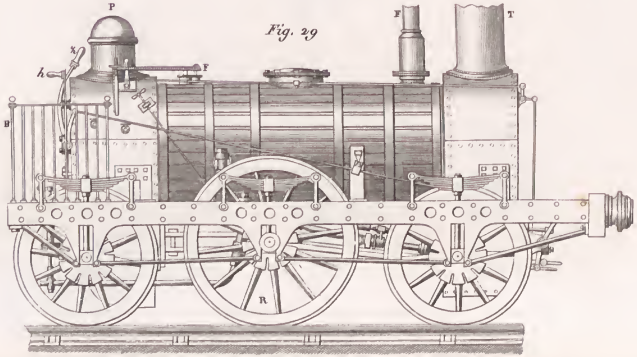
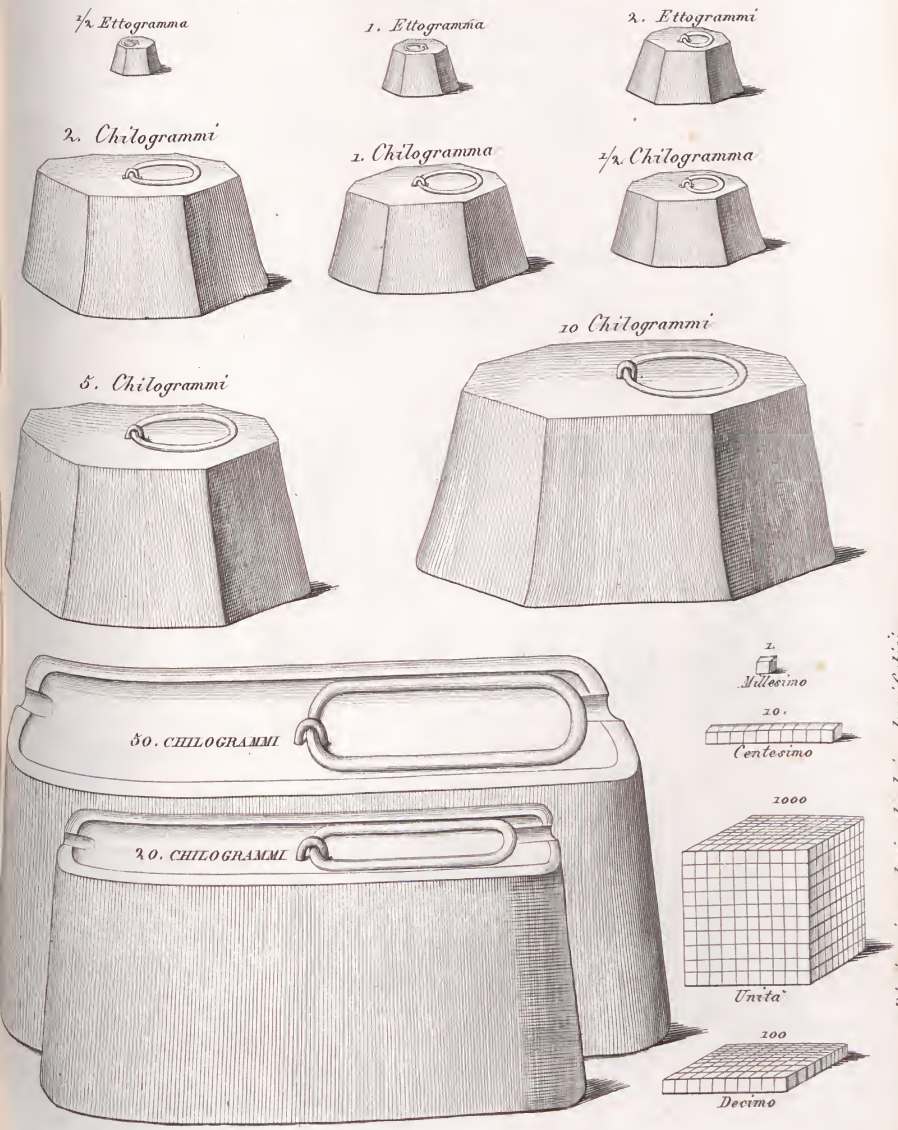


Fig. 29



SISTEMA METRICO

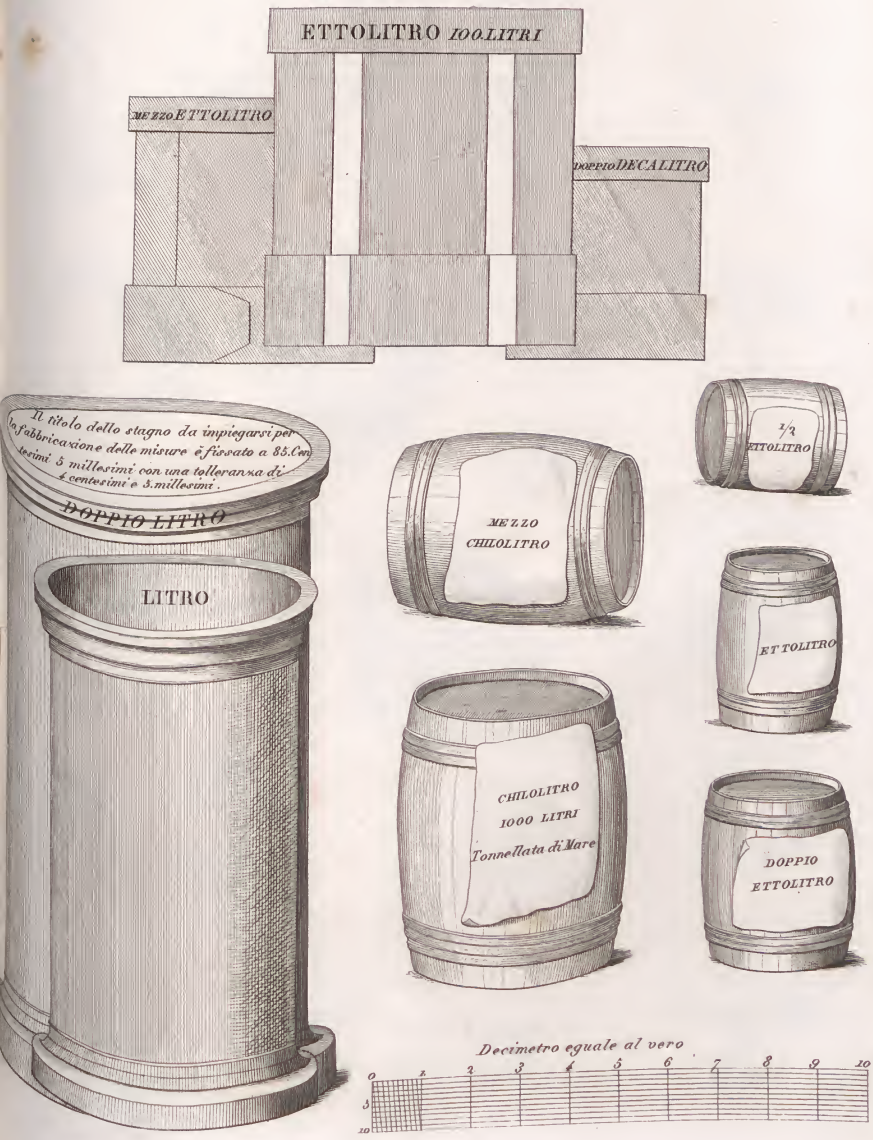
Forma e denominazione dei pesi fusi in ferro



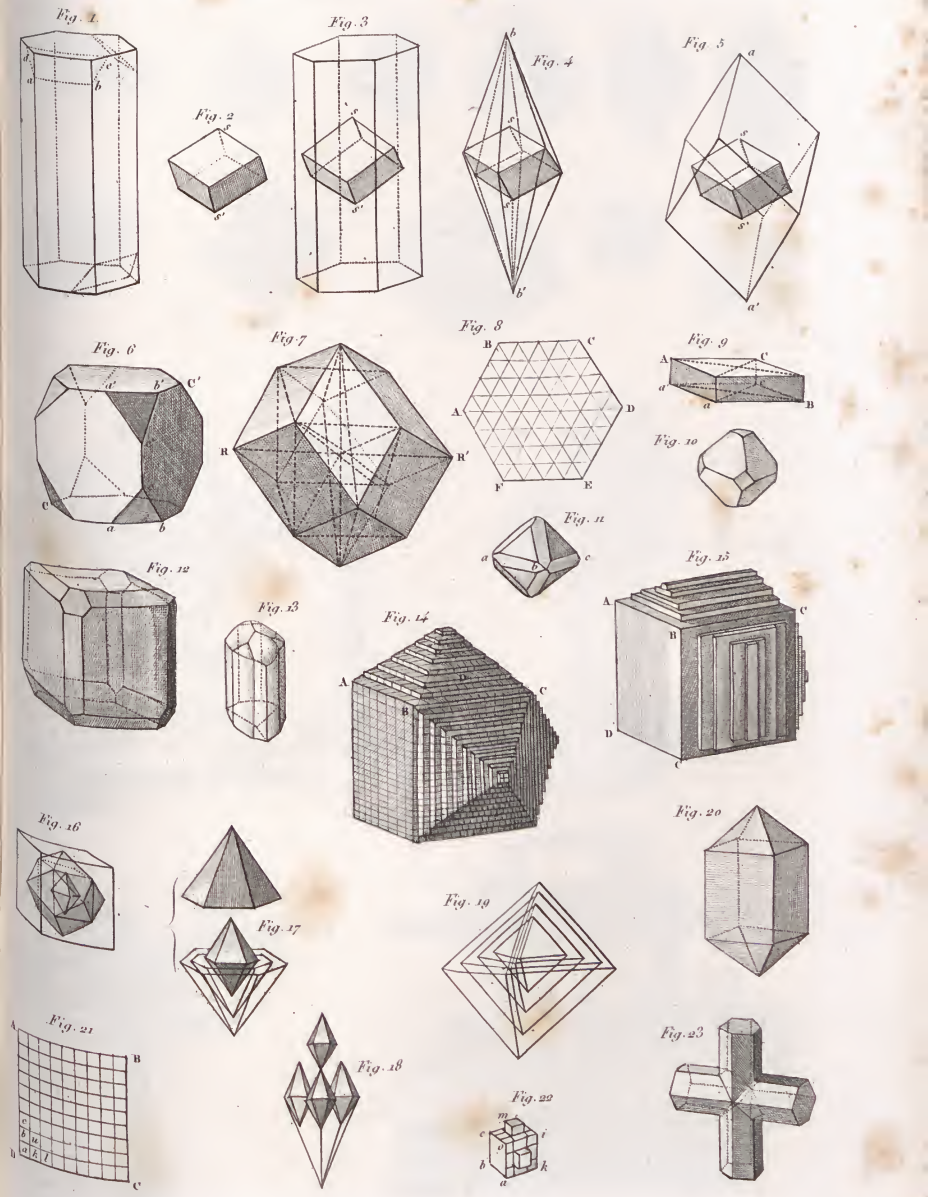
Diminuzione decimale dei volumi cubici

SISTEMA METRICO

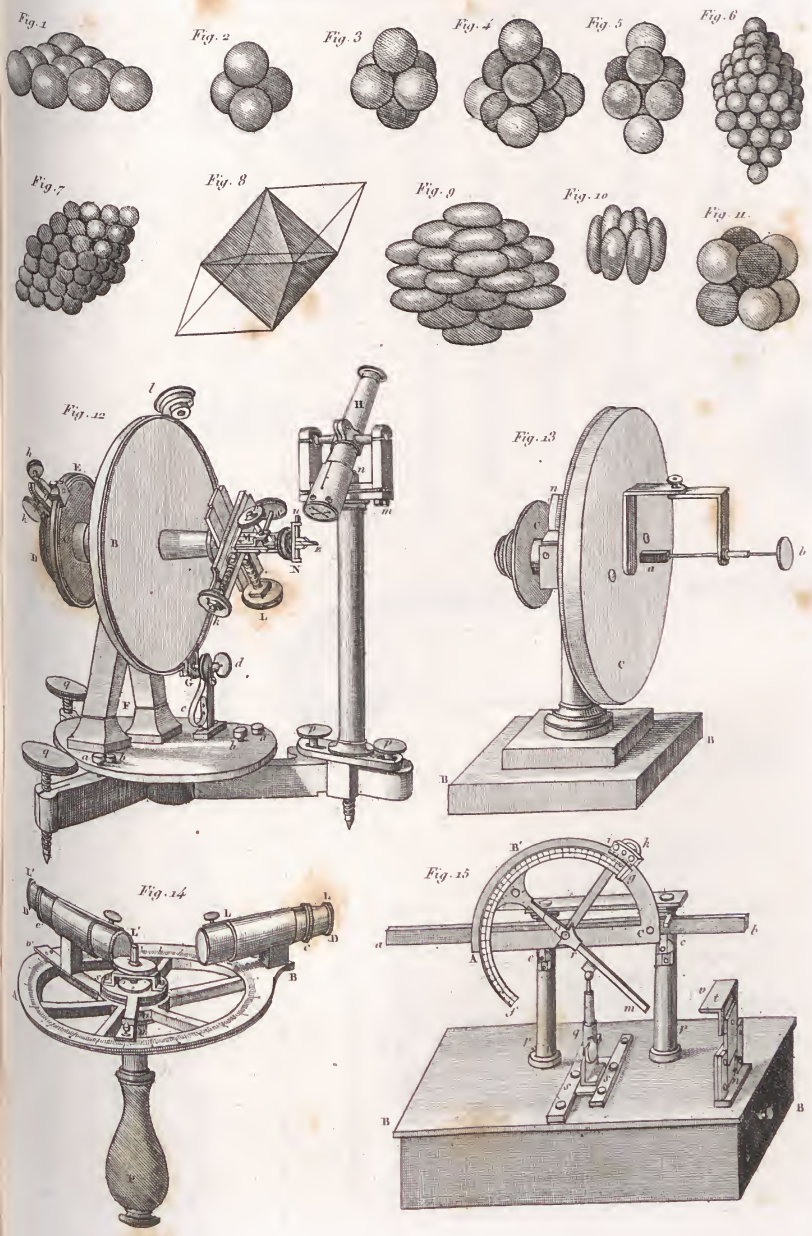
SISTEMA METRICO



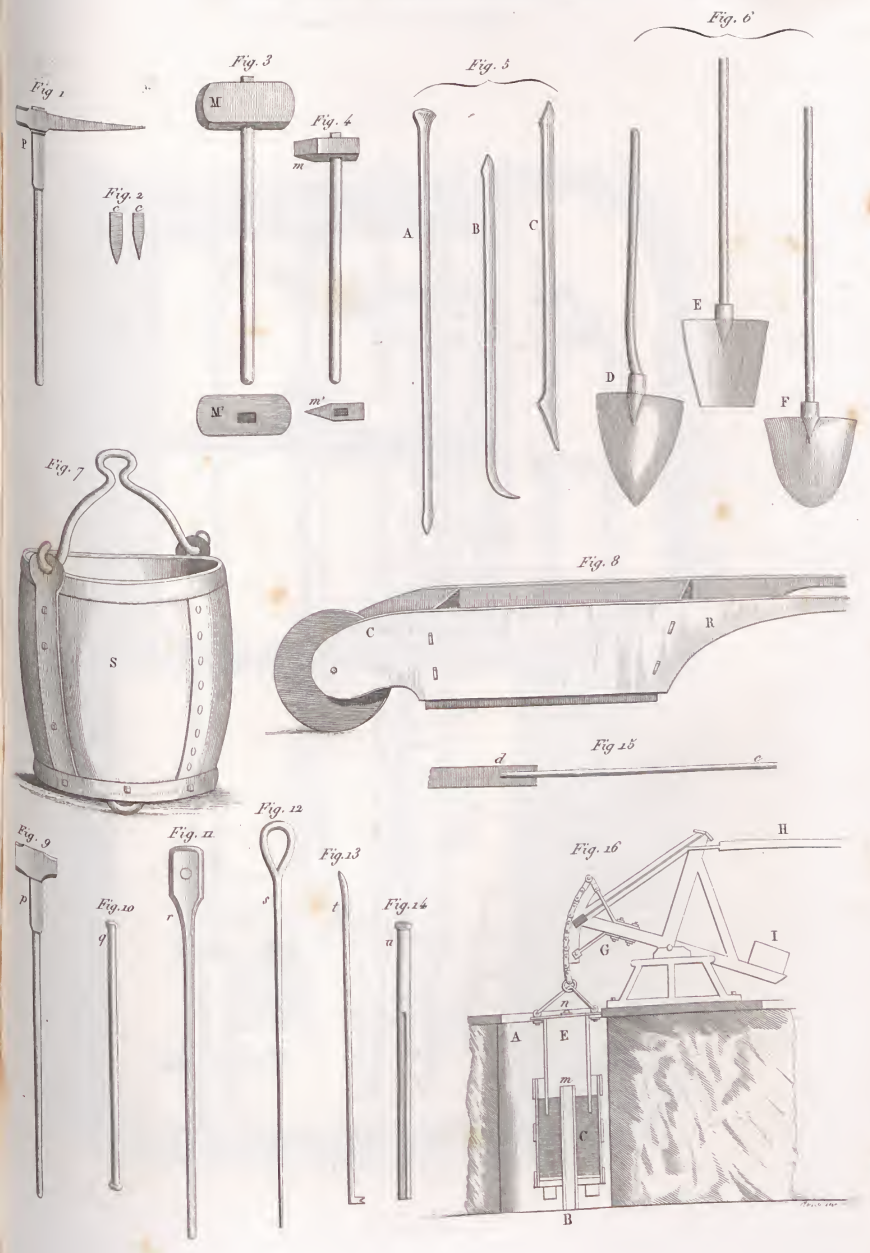
STRUTTURA DEI CRISTALLI, DECRESCIMENTI ECC.



FORMAZIONE DEI CRISTALLI E GONIOMETRI

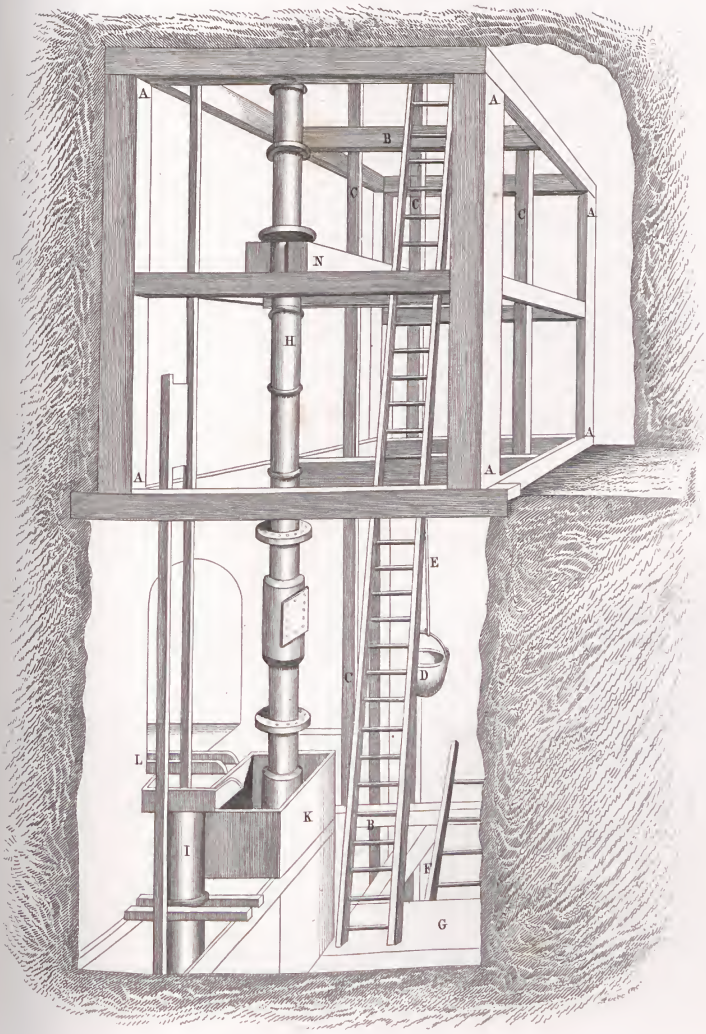


STROMENTI ED APPARECCHI USATI NELLE MINIERE

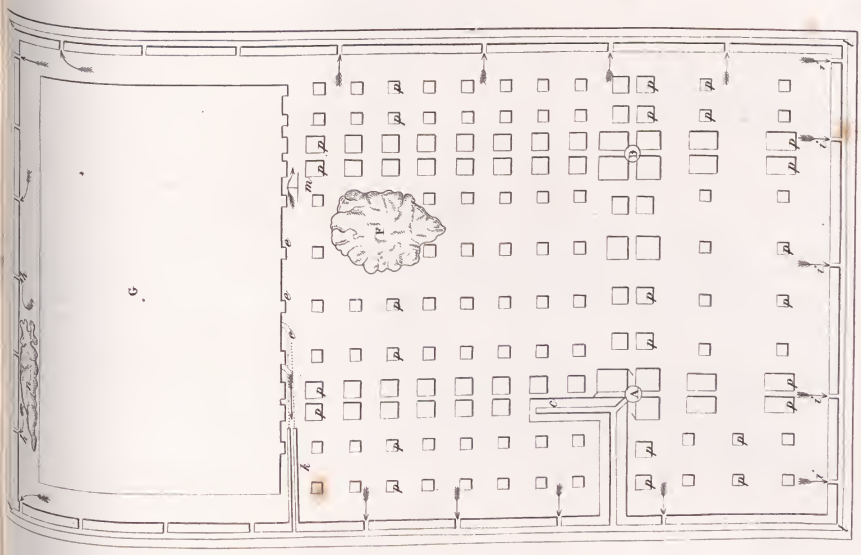


DISPOSIZIONE DI UN POZZO DI MINIERA

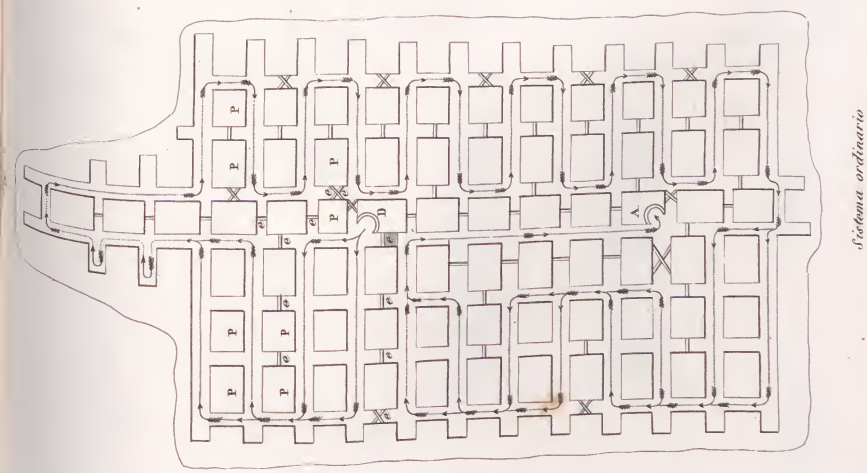
Fig. 1.



VENTILAZIONE DELLE MINIERE DI CARBON FOSSILE

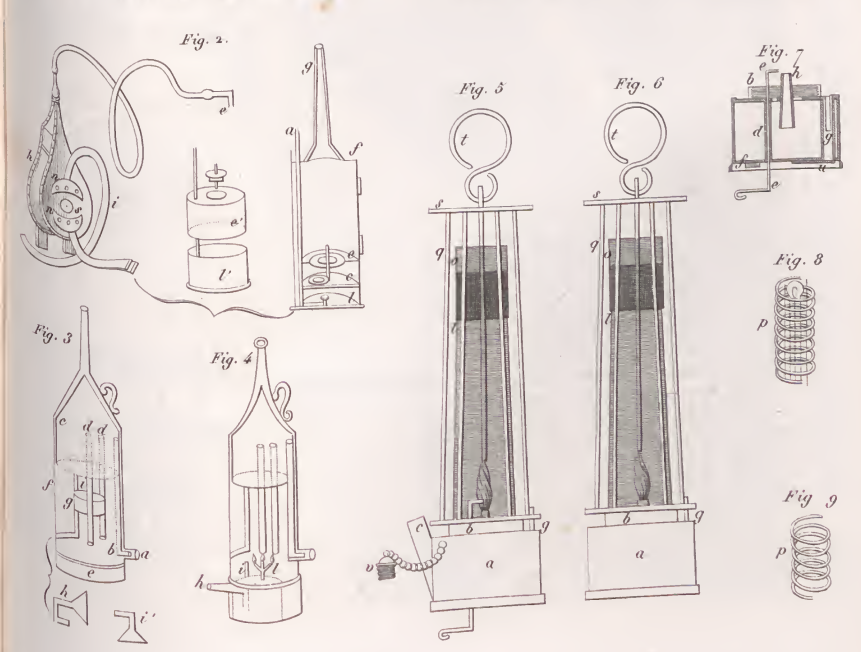


Sistema di Ryan



Sistema ordinario

SEZIONE DI UNA MINIERA DI CARBON FOSSILE E LAMPADE DI SICUREZZA



MINIERE METALLIFERE

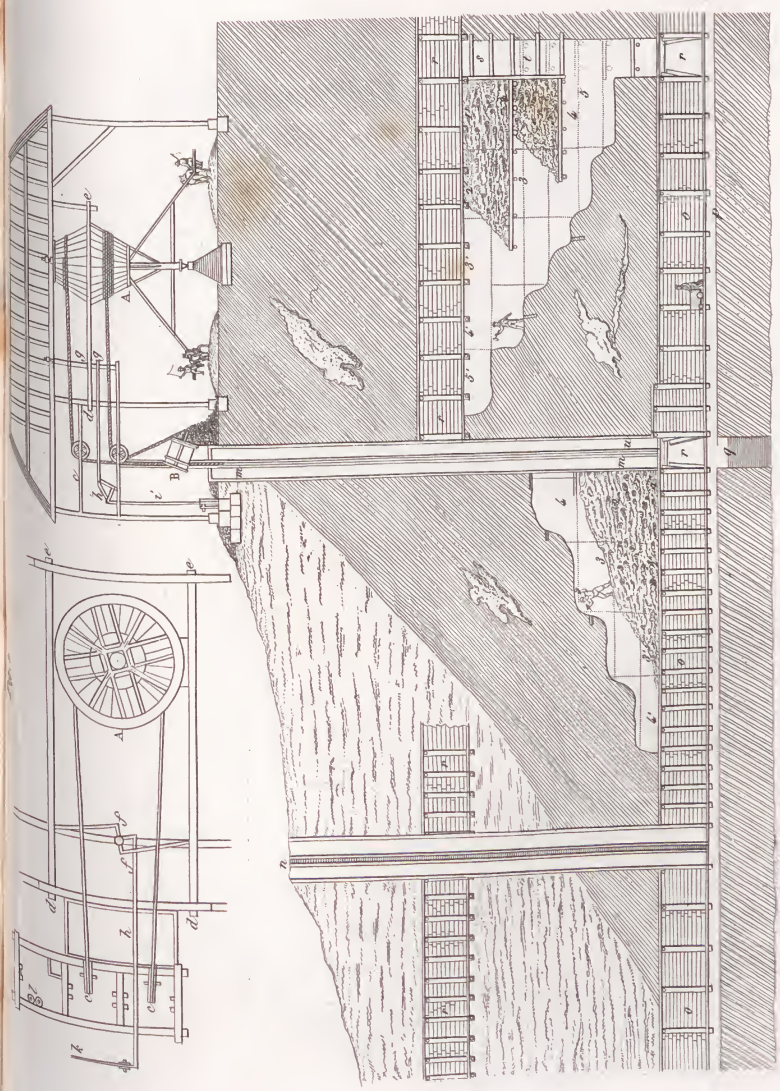
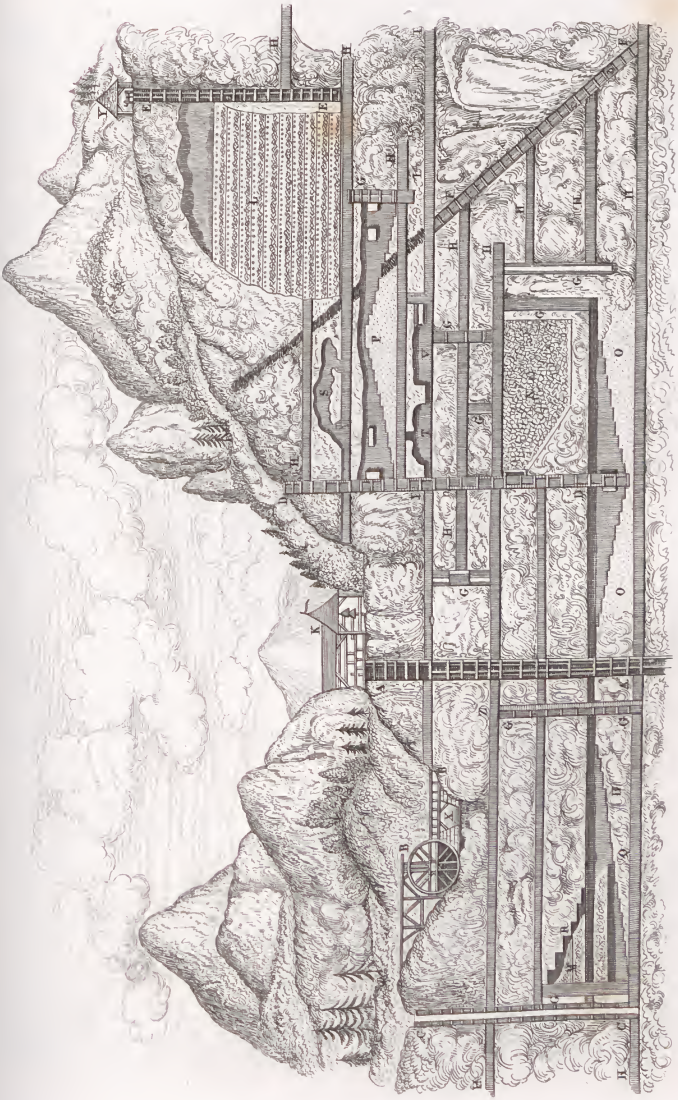
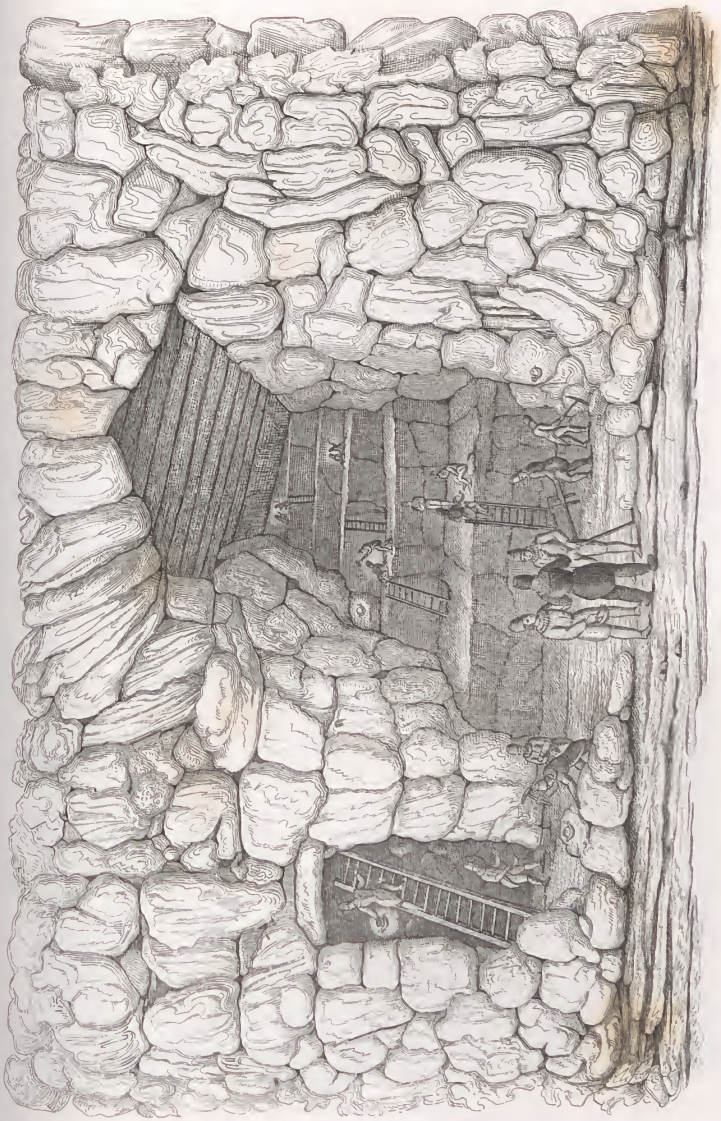


Fig. 1 Sezione verticale di una miniera metallifera
Fig. 2 Proiezione orizzontale della macchina impiegata all'estrazione del minerale



Proiezione verticale dei lavori di una miniera metallifera nel senso della direzione dei filoni



Veduta di una miniera di piombo argentifero nelle miniere di Clausthal (Harz)

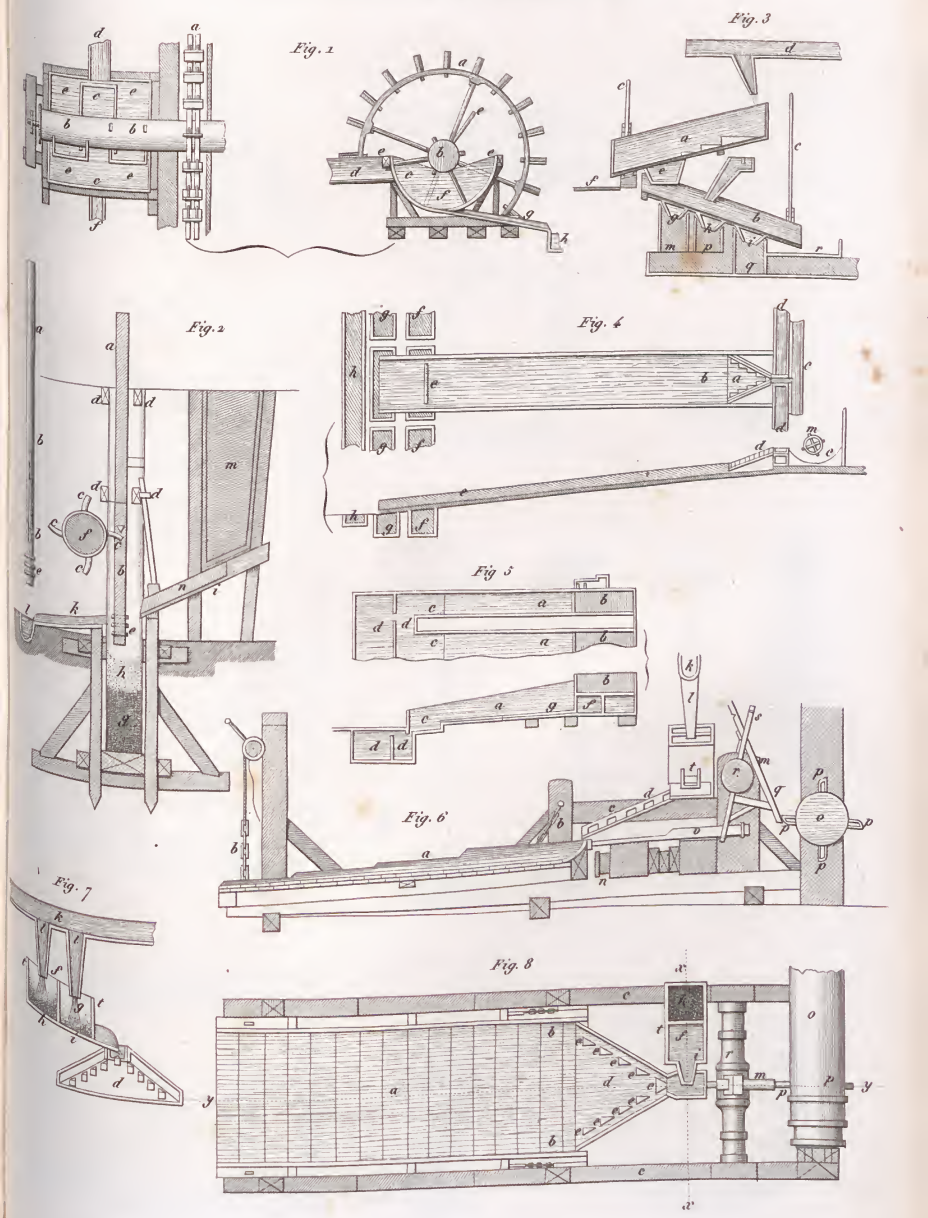
MINIERE METALLIFERE

Veduta delle miniere di ferro di Persberg (Svezia)

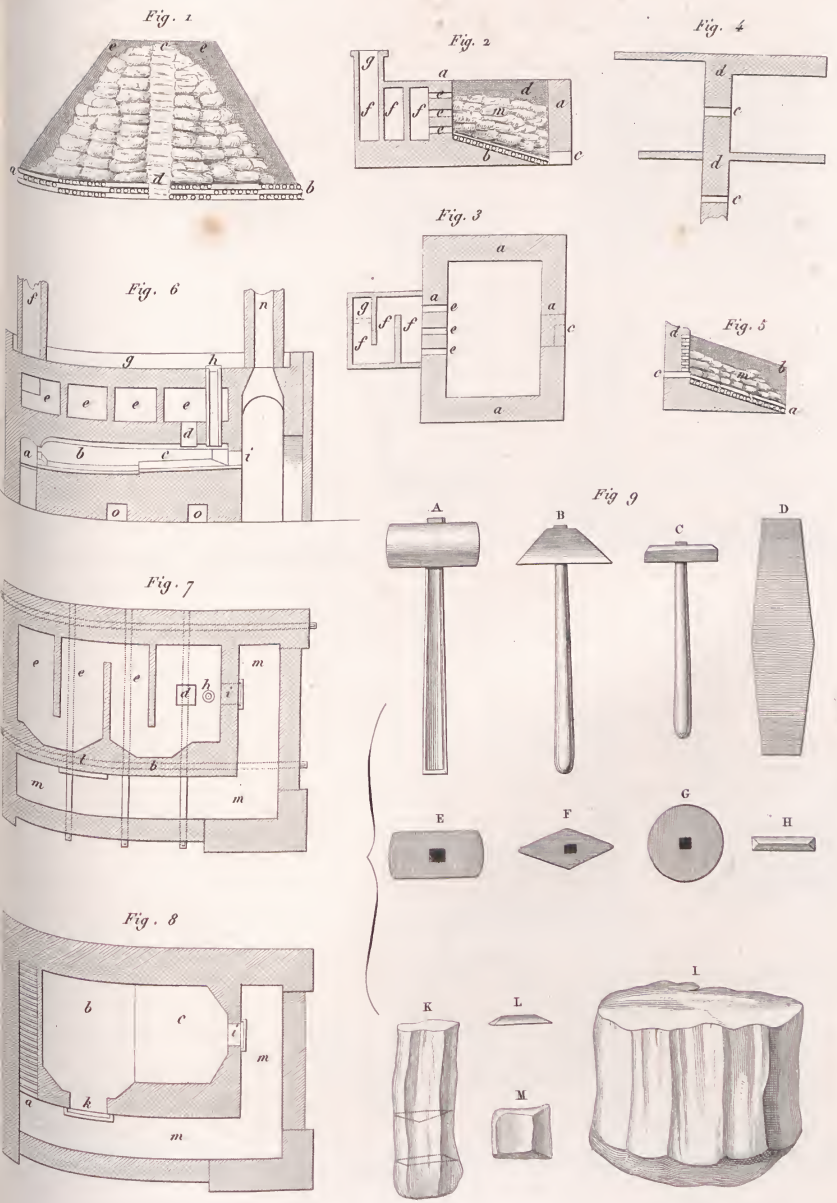
MINIERE METALLIFERE

Veduta delle miniere di ferro di Dannemora nell' Upland (Svezia)

LAVATURA E PESTATURA DEI MINERALI METALLIFERI.



TORREFAZIONE DEI MINERALI, TAGLIO DELLE PIETRE FOCAIE



MACCHINE SOFFIANTI

Fig. 1

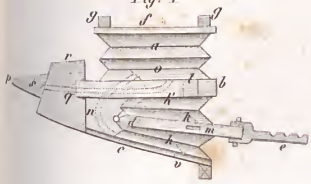


Fig. 2

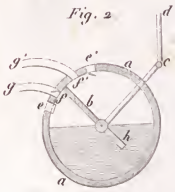


Fig. 3

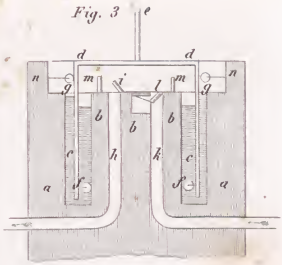


Fig. 4

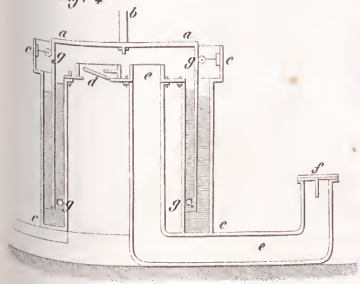


Fig. 5

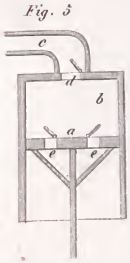


Fig. 9

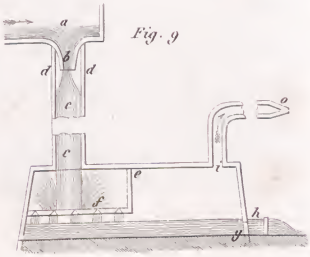


Fig. 6

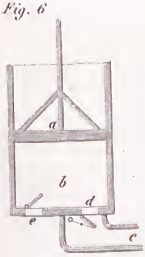


Fig. 10

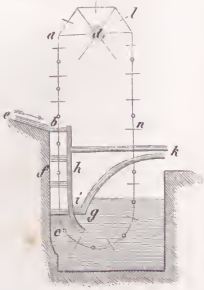


Fig. 8

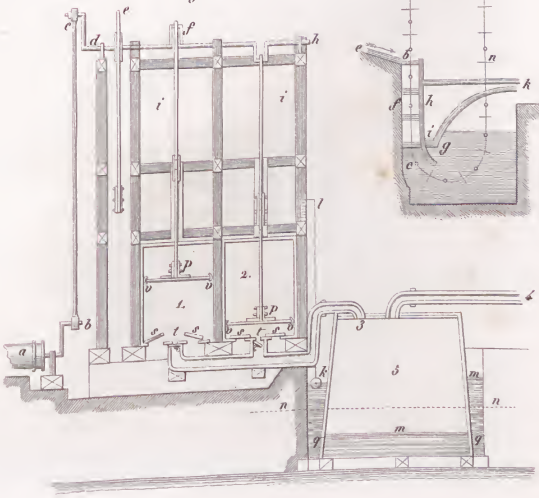
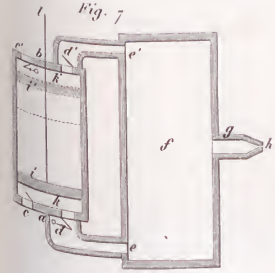
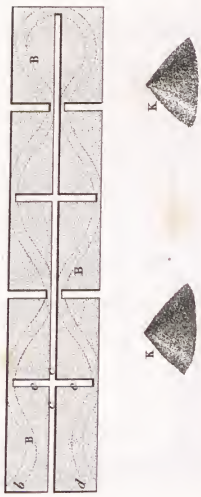
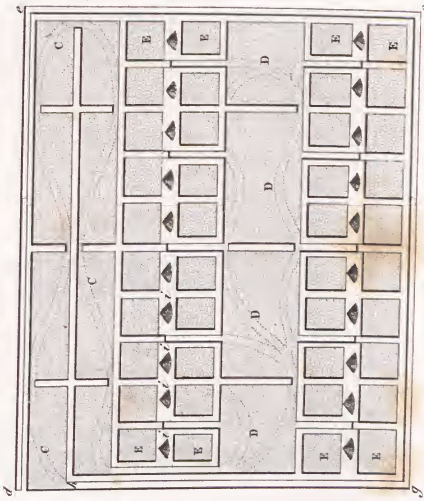


Fig. 7

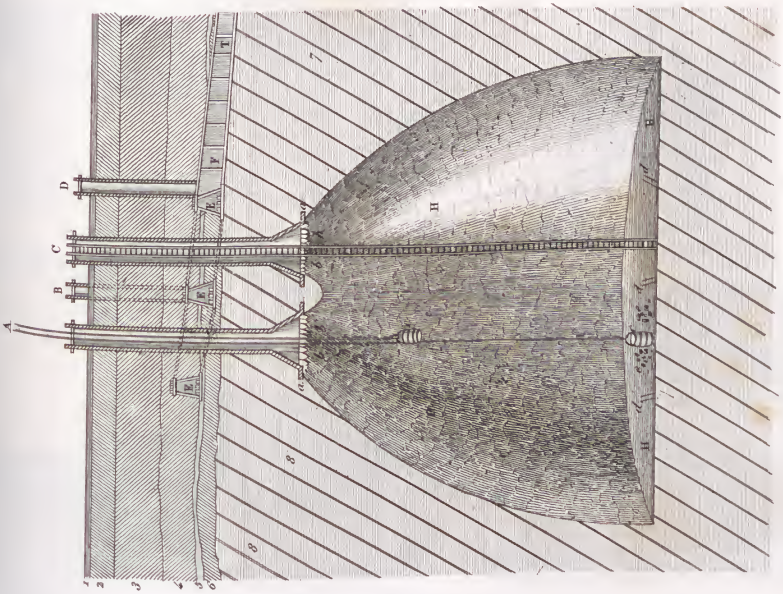


ESTRAZIONE DEL SAL COMUNE O CLORURO DI SODIO





Pozzi e fosse di acqua salsa



Miniera di sal gemma a Vieuchna

ESTRAZIONE DEL SAL COMUNE O CLORURO DI SODIO

Fig. 1

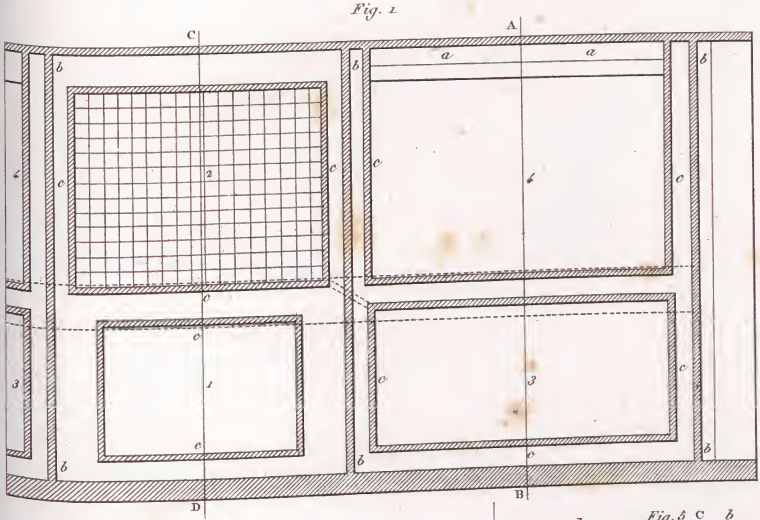


Fig. 2

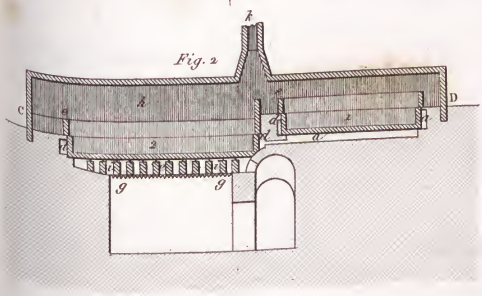


Fig. 3

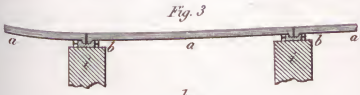


Fig. 4

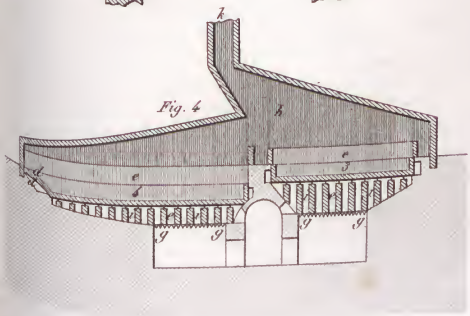
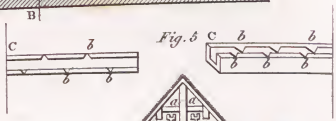
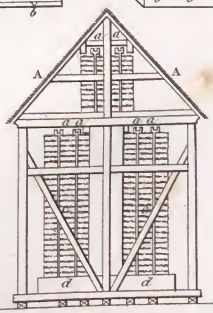
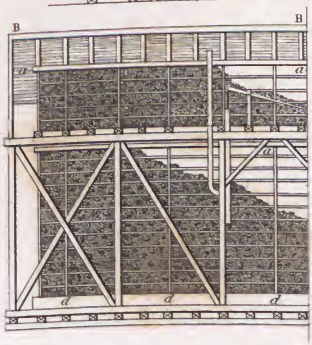


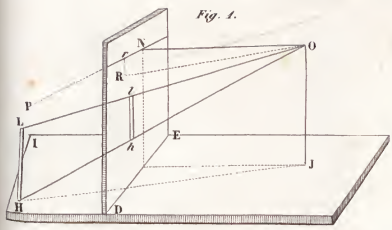
Fig. 5

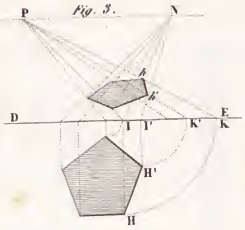


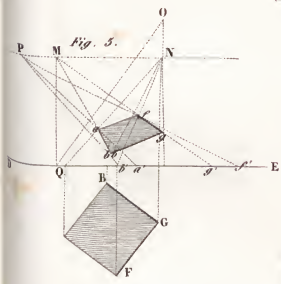


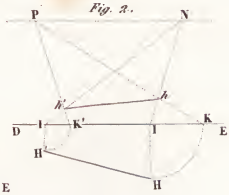


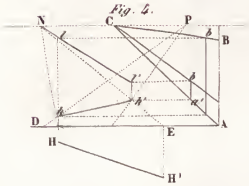
PROSPETTIVA

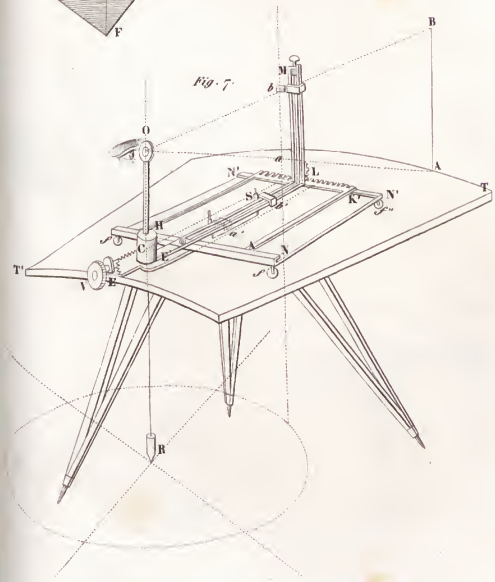


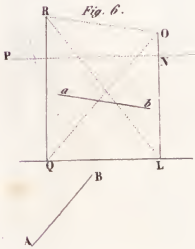












MICROMETRI

Fig. 1

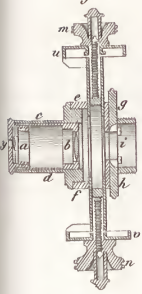


Fig. 2

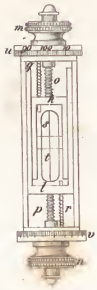


Fig. 3

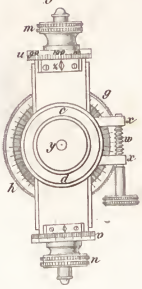


Fig. 4

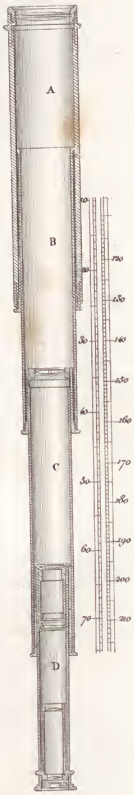


Fig. 6

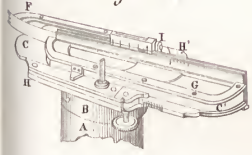


Fig. 5

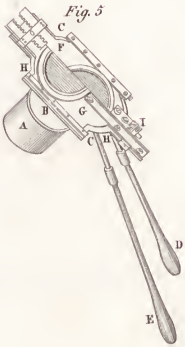


Fig. 9

Fig. 7

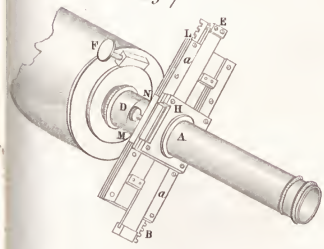


Fig. 11

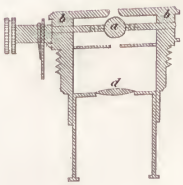


Fig. 8

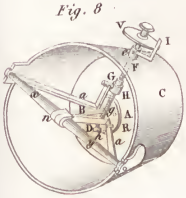
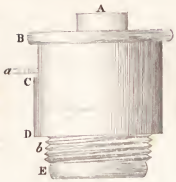


Fig. 10

MICROMETRI

Fig. 12

Fig. 13



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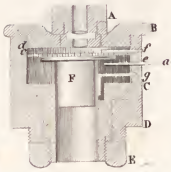

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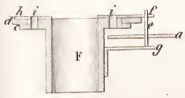

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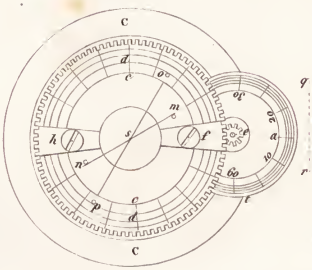
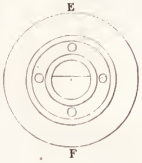


Fig. 19

Fig. 18



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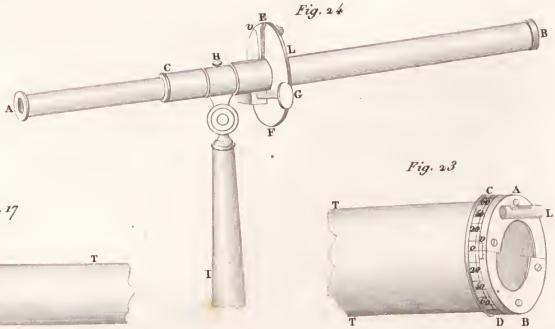


Fig. 17

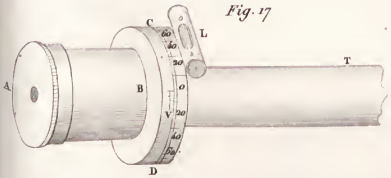


Fig. 23

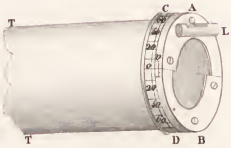


Fig. 21

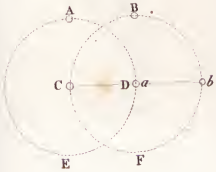


Fig. 22

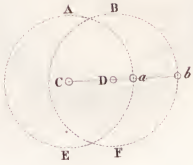
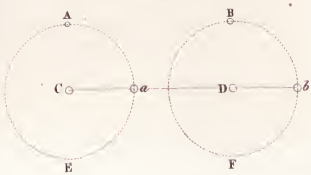


Fig. 20



MICROMETRI

Fig. 25

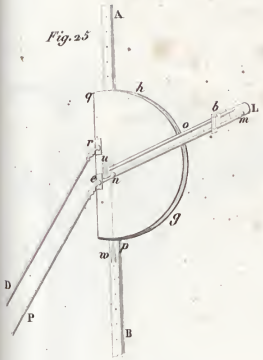


Fig. 32

Fig. 34

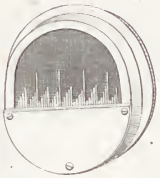


Fig. 29

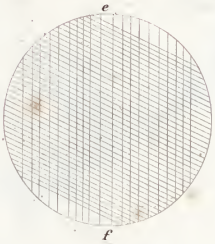
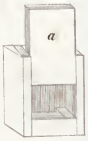


Fig. 27



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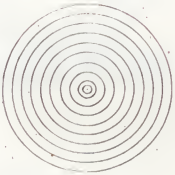

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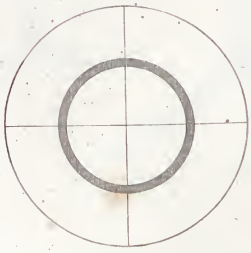


Fig. 28

Fig. 35

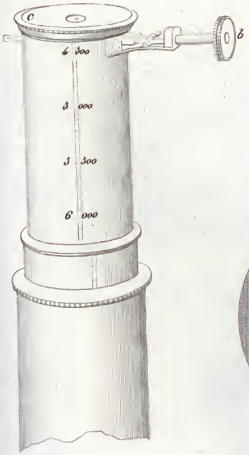


Fig 33

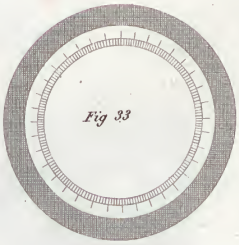
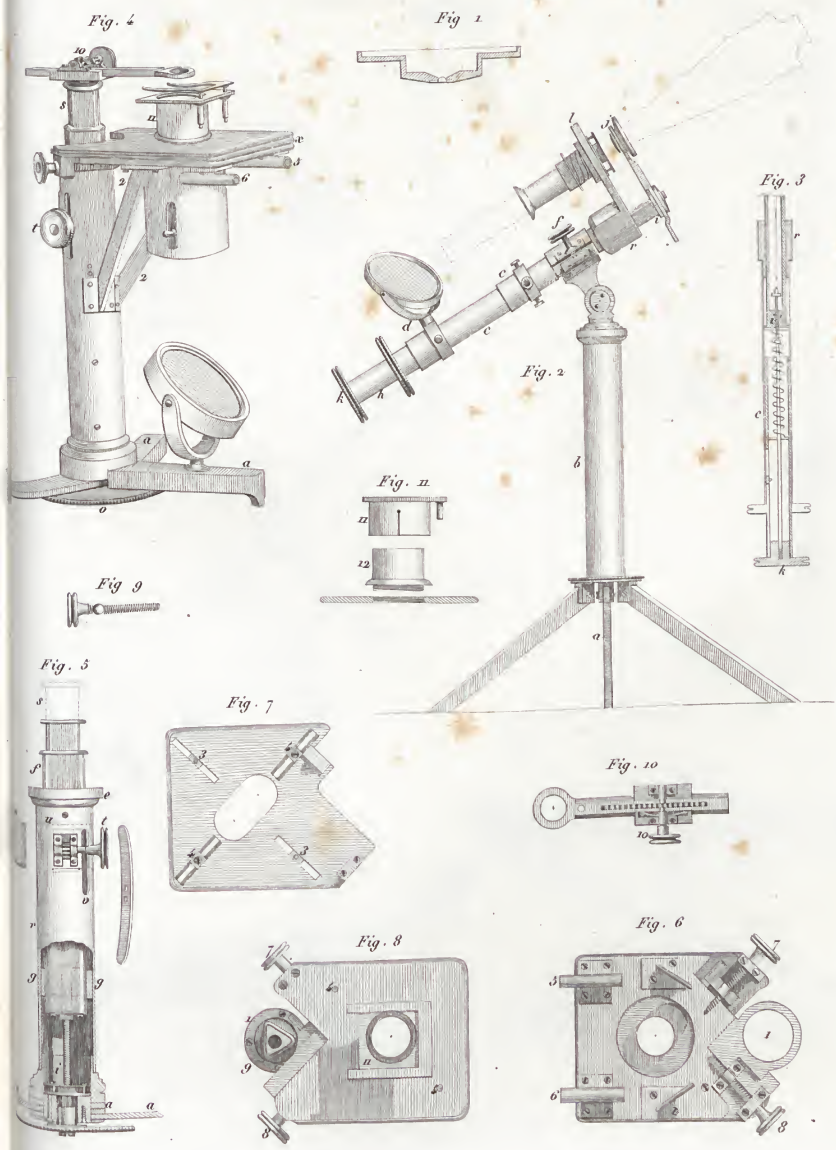


Fig. 26

Fig. 36

MICROSCOPII



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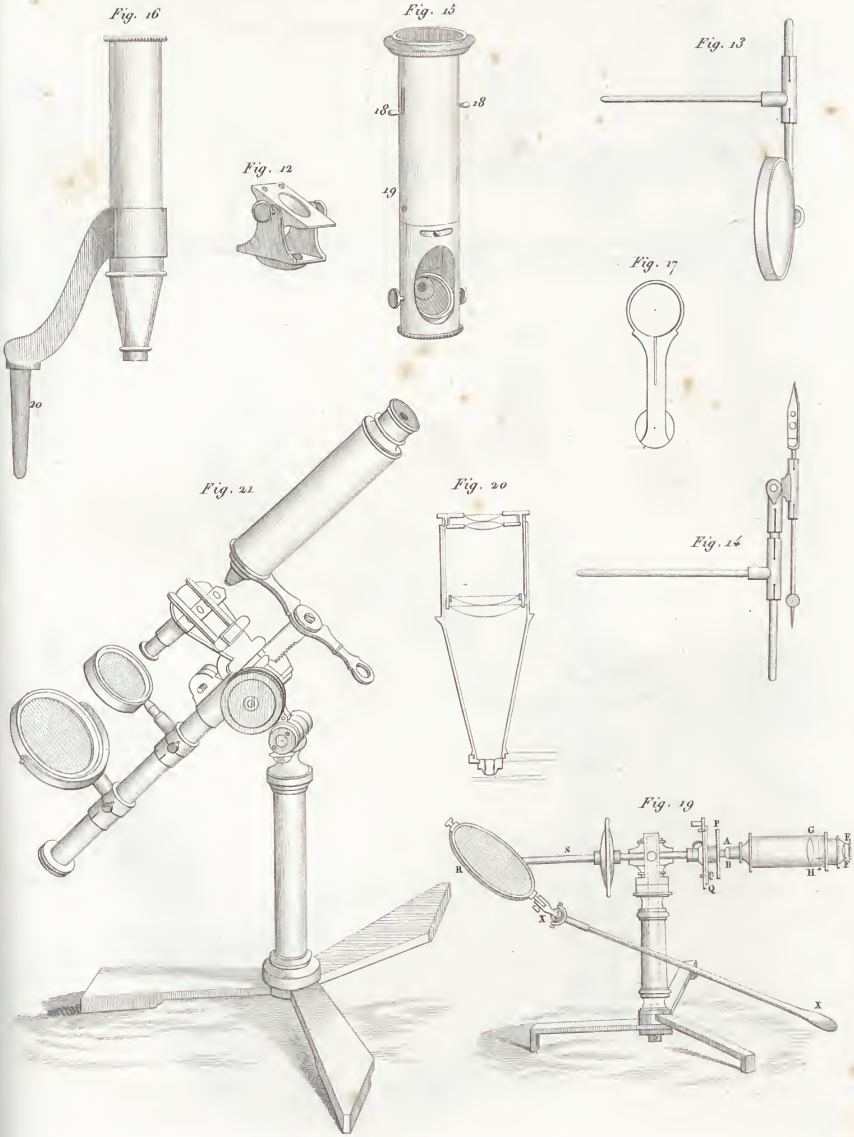

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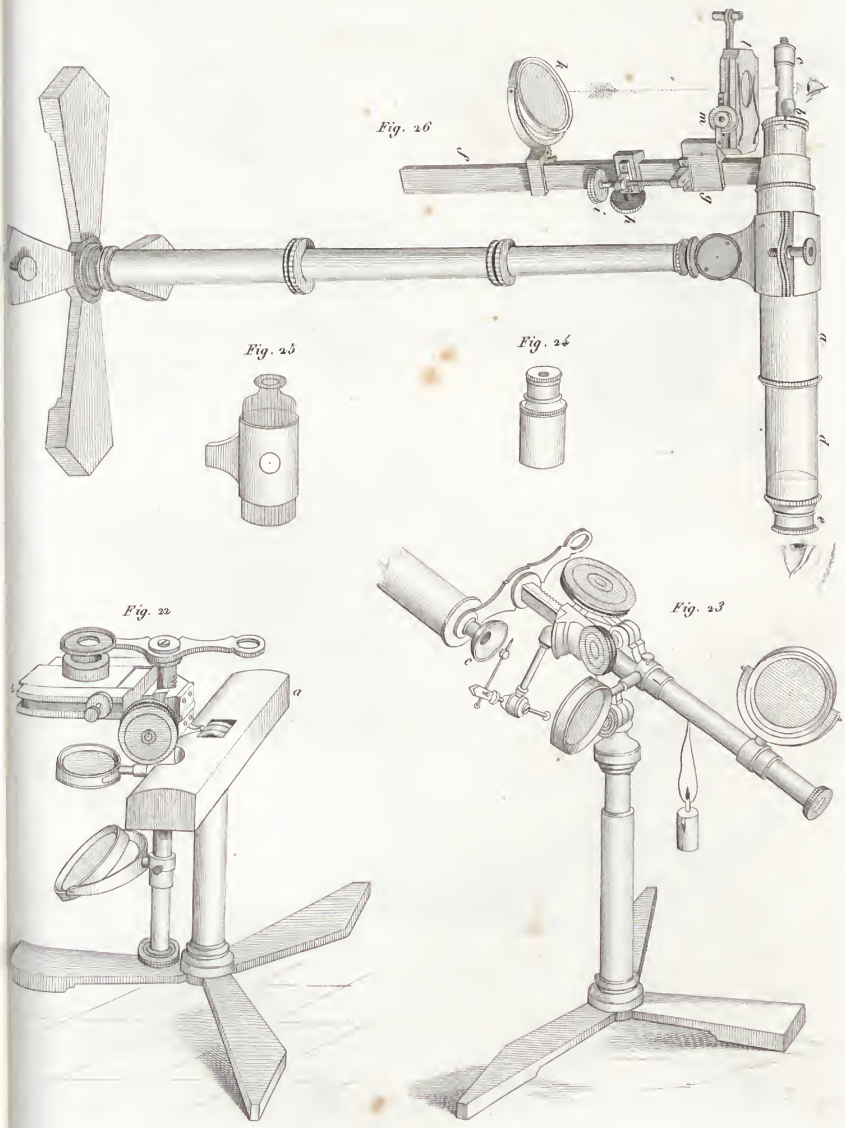

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Fig. 32

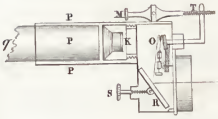


Fig. 27

Fig. 28

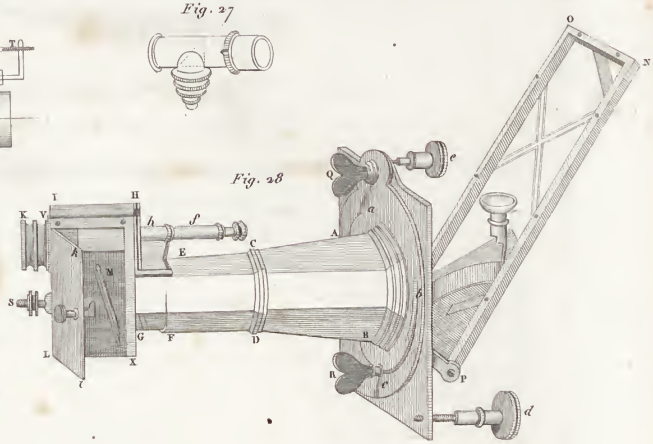
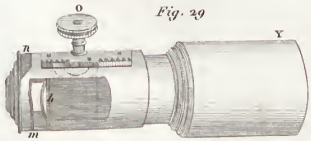


Fig. 33

Fig. 29



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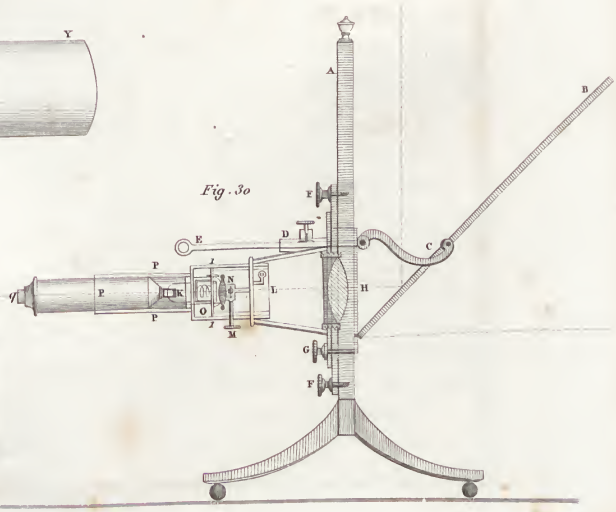
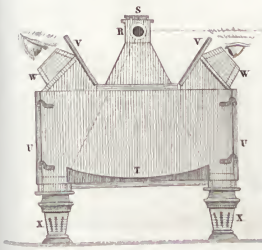


Fig. 31



STENOGRAFIA

ALFABETO

ossia

TAVOLA COMPARATIVA DEI DUE TIPI

ORDINARIO E STENOGRAFICO

Lettere			Segni stenografici			Annotazione
Vocali	*Consonanti*	*Desinenze*	*Vocali*	*Consonanti*	*Desinenze*	
a			) —			*I cinque tratti o linee orizontali che sono alla destra dei segni stenografici delle vocali iniziali non formano un carattere ma solo indicano il corpo di parola che le segue immediatamente.*
	b		"	ρ		
	c *Aspro*		"	(		
	c *Dolce*		"	(		
	d		"	/		
e			) —			
	f		"	ρ		
	g		"	)		
i			. —			
	j *Consonante*		"	⊂		
	l		"	ϭ		
	m		"	ϭ		*Il segno o di puntini che precedono lo* o *della desinenza* issimo *denota l'ultima lettera cui si unisce il segno finale.*
	n		"	)		
o			: —			
	p		"	ρ		
	q		"	ρ		
	r		"	/ e r		
	s		"	—		
	t		"	—		*Per indicare in stenografia l'* etc. *basterà segnare un piccolo zero isolato oppure il segno* &. *come si usa comunemente nella scrittura ordinaria.*
u			(—			
	v		"	/		
	z		"	+		
	gli		"	⊂		
	gn		"	)		
	ch o gh		"	ϭ		
		one	"		⌣	
		issimo	"		o	

STENOGRAFIA

TAVOLA FIGURATIVA

DI ALCUNE PAROLE

RECATE IN CARATTERI STENOGRAFATI

Tipo ordinario	Spogliato delle vocali intermedie e finali	Lettere stenografate	
		Disgiunte	Collegate insieme
assicuranza	ascrnz		
disciplina	dscpln		
sublime	sblm		
biblioteca	bblte		
volubile	vlbl		
distintamente	dstntmnt		
squama	sqm		
schiuma	schm		

MODELLO

di carattere stenografico figurato con spazii interlineari sotto ciascuna parola del carattere, o tipo ordinario

Gli uomini di riflessione sono i più sicuri. Tutto quello

che è bene è sempre a tempo. Ciò che presto si fa ben presto

rovina. Non si guarda che la maggior possibile perfezione

16124